

FILE NO.

**SERVICE MANUAL****Remote Control Digital  
Color Television****DP32648 (U.S.A.)  
(CANADA)****ORIGINAL VERSION****Chassis No. P32648-00**

**NOTE:** Match the Chassis No. on the unit's back cover with the Chassis No. in the Service Manual.

If the Original Version Service Manual Chassis No. does not match the unit's, additional Service Literature is required. You must refer to "Notices" to the Original Service Manual prior to servicing the unit.

**Servicing should be performed by only trained and qualified service personnel.**

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**Specifications**

POWER RATING .....	120VAC 160W (AVG.)
ANTENNA INPUT IMPEDANCE.....	75Ω UHF/VHF/CATV DIGITAL
RECEIVING CHANNEL .....	2 - 13 (VHF), 14 - 69 (UHF), 01, 14-94, 95-135 (CATV) 1-135 (DIGITAL)
REMOTE READY.....	32 KEY REMOTE CONTROL
SOUND OUTPUT.....	3.0 W/CH
INTERMEDIATE FREQUENCY	
PICTURE IF CARRIER .....	45.75MHz
SOUND IF CARRIER .....	41.25MHz
COLOR SUB CARRIER.....	42.17MHz
CABINET DIMENSIONS	
WIDTH .....	797.6mm
HEIGHT.....	558.8mm
DEPTH INCLUDING BASE .....	210.8mm

# SAFETY INSTRUCTIONS

## SAFETY PRECAUTIONS

**WARNING:** The chassis of this receiver has a floating ground with the potential of one half the AC line voltage in respect to earth ground. Service should not be attempted by anyone not familiar with the precautions necessary when working on this type of equipment.

*The following precautions must be observed:*

1. An isolation transformer must be connected in the power line between the receiver and the AC line before any service is performed on the receiver.
2. Comply with all caution and safety-related notes provided inside the cabinet, on the chassis, and on the back.
3. When replacing a chassis in the cabinet, always be certain that all the protective devices are installed properly, such as control knobs, adjustment covers, shields and barriers.
4. Before replacing the back cover of the set, thoroughly inspect the inside of the cabinet to see that no stray parts or tools have been left inside.

Before returning any television to the customer, the service technician must perform the following safety checks to be sure that the unit is completely safe to operate without danger of electrical shock.

## ANTENNA COLD CHECK

Remove AC plug from the 120 VAC outlet and place a jumper across the two blades. Connect one lead of an ohmmeter to the jumpered AC plug, and touch the other lead to each exposed antenna terminal (UHF and VHF antenna terminals). The resistance must measure between 1M ohm and 5.2M ohm. Any resistance value below or above this range indicates an abnormality which requires corrective action.

## LEAKAGE CURRENT CHECK

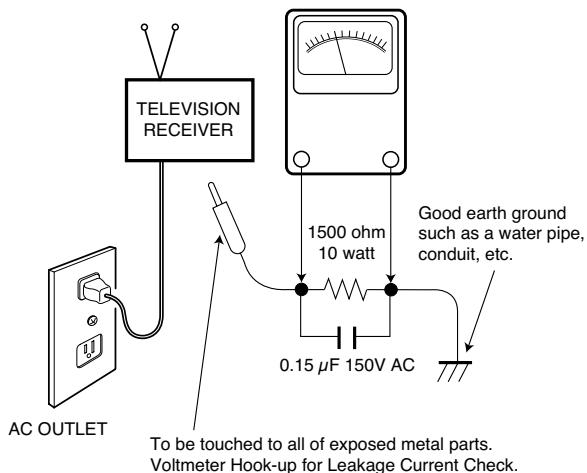
Plug the AC line cord directly into a 120 VAC outlet. (Do not use an isolation transformer for this check.) Use an AC voltmeter, that has 5000 ohms per volt or more sensitivity. Connect a 1500 ohm 10 watt resistor, paralleled by a 0.15  $\mu$ F 150 VAC capacitor, between a known good earth ground (water pipe, conduit, etc.) and all exposed metal parts of the cabinet (antennas, handle bracket, metal cabinet, screw heads, metal overlays, control shafts, etc.). Measure the AC voltage across the 1500 ohm resistor. The AC voltage should not exceed 750 mV. A reading exceeding 750 mV indicates that a dangerous potential exists. The fault must be located and corrected. Repeat the above test with the receiver power plug reversed.

NEVER RETURN A RECEIVER TO THE CUSTOMER WITHOUT TAKING THE NECESSARY CORRECTIVE ACTION.

## PRODUCT SAFETY NOTICE

When replacing components in a receiver, always keep in mind the necessary product safety precautions. Pay special attention to the replacement of components marked with a  $\triangle$  in the parts list and in the schematic diagrams. To ensure safe product operation, it is necessary to replace those components with the exact same PARTS.

READING SHOULD NOT EXCEED 750 mV.  
AC VOLTMETER  
(5000 ohms per volt or more sensitivity)



## SERVICING ELECTROSTATICALLY SENSITIVE DEVICES

Semiconductors (solid-state devices) that can be damaged by static electricity are referred to as Electrostatically Sensitive (ES) devices. Examples of typical ES devices are: Integrated Circuits (IC), Field-Effect Transistors (FET), and "chip" components. The following techniques should be observed strictly, to reduce the occurrence of semiconductor damage due to electrostatic discharge.

1. Immediately prior to handling any semiconductor component or an assembly containing a semiconductor device or devices, discharge the electrostatic buildup on your body by touching a known earth ground. You may also obtain and wear a commercially available discharging wrist strap device.

**CAUTION:** Be sure to remove the wrist strap before applying power to any unit being serviced.

2. After removing an ES equipped assembly, place it on a conductive surface, such as, aluminum foil, to prevent buildup or exposure to static electricity.

3. Use only grounded-tip soldering irons to solder or unsolder ES devices.

4. Use only anti-static solder removal devices. Some suction-type devices can generate static electricity adequate to damage ES devices.

5. A replacement ES device will come packaged in protective material (conductive foam, aluminum foil, or some comparable conductive material). Do Not remove an ES device from its protective packaging unless you are prepared to install it immediately.

6. Precisely prior to removing an ES device from its protective packaging, touch the protective packaging to the chassis or assembly in which the device will be installed.

**CAUTION:** Be sure that no power is applied to the chassis or circuit assembly.

7. Incidental body movements, such as, lifting a foot from a carpeted floor or the rubbing of fabric together can generate static electricity sufficient to damage ES devices. Therefore, minimize all body movements while handling exposed (unpackaged) ES devices.

# SERVICE ADJUSTMENTS

## GENERAL

This set has an On-screen Service Menu system included in the CPU that allows remote operation for most of the service adjustments.

## ON-SCREEN SERVICE MENU SYSTEM

### 1. Enter the Service Menu:

- Turn off the receiver and disconnect the AC power supply.
- While pressing the Volume (-) button on the television, reconnect the AC power supply. The Service Menu will now appear. The remote can now be used to make adjustments. See Figure 1 below.



Volume – : Enter Service Menu

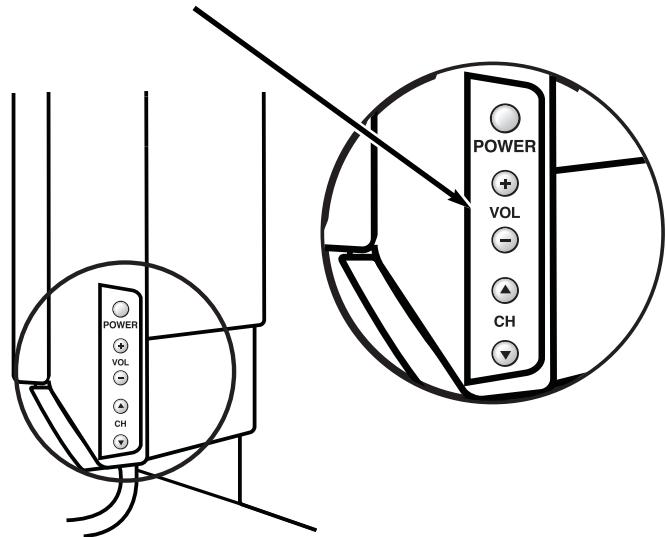


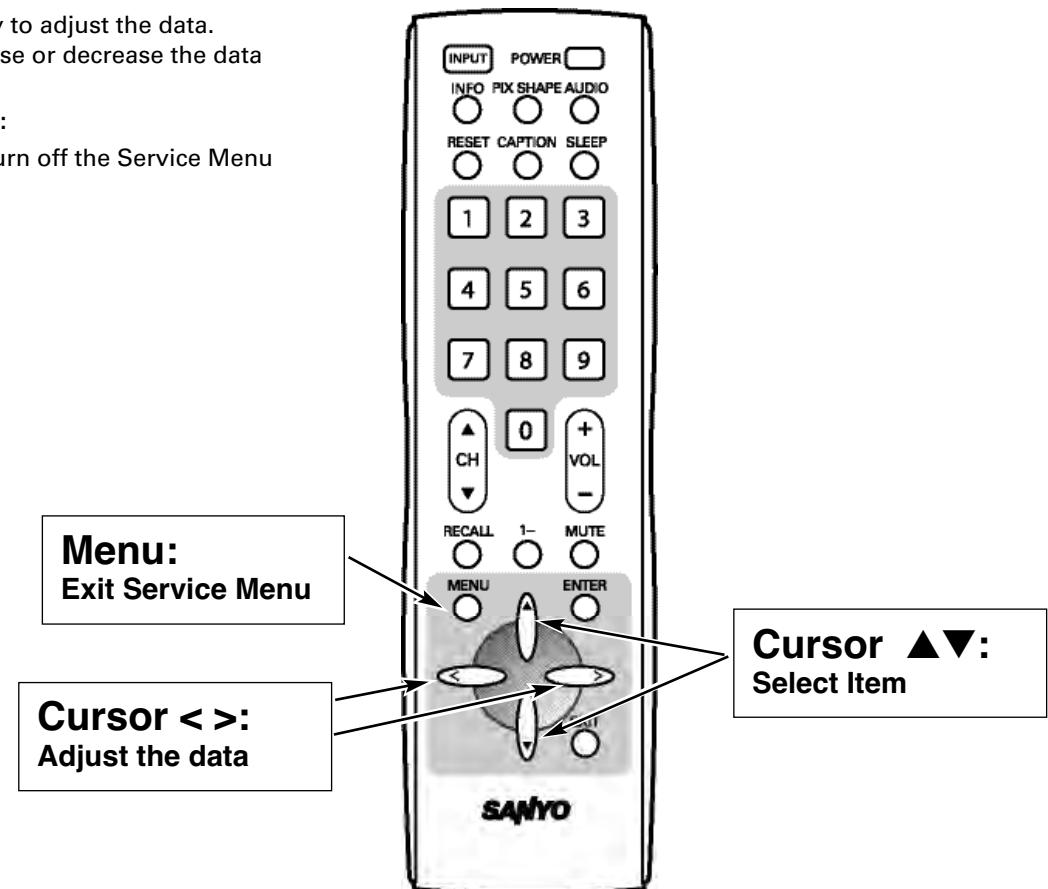
Figure 1. Service Menu Display

### 2. Service Adjustments:

- Press the **Cursor ▲ or ▼** key to select the desired service menu item you want to adjust. See page 4 for the On-screen Service Menu.
- Use the **Cursor < or >** key to adjust the data. The < or > key will increase or decrease the data sequentially.

### 3. Exit from the Service Menu:

- Press the **MENU** key to turn off the Service Menu display.



# ON-SCREEN SERVICE MENU

**Table 1. ON-SCREEN SERVICE MENU**

When IC801 (EEPROM) is replaced, check the bus data to confirm they are the same as below. See page 3 for On-Screen Service Menu access and adjustments.

No.	Title	Initial Data	Note
1A0	MUTE	A0h	Audio mute at Power ON
086	VOL	30h	Volume setup inspection
087	OP1	40h	Option 1 Data (HDMI)
088	OP2	0Ch	Option 2 Data (Display Panel)
101	1R00	00h	ROM Correction Data
102	1R01	00h	ROM Correction Data
↓	↓	↓	↓
197	2R47	00h	ROM Correction Data
198	2R48	00h	ROM Correction Data

• All data except in gray box area is fixed. Do not change for correct operating.

• Data in gray box is initial and can be set according to adjustment information.

## PROGRAM CODES

The microprocessor used in this model is a multi-purpose type and is used in several different models. To ensure proper operation and the correct features for your particular model, the program codes must be correct.

**Note 1. Option Data 1 (NO. 087 OP1) should be hexadecimal 40.** See 087 above. If this program code is wrong the TV will not operate properly.

**Note 2. Option Data 2 (NO. 088 OP2) should be hexadecimal 0C.** See 088 above. If this program code is wrong the TV will not operate properly.

# POWER FAILURE CIRCUIT

CPU (IC800) is programmed so the set will go to standby mode when there is circuit failure as described below. (Refer to "Block Diagram Power Lines".)

This unit is equipped with a Power Failure Detector function included in the CPU which checks for an abnormal condition in the chassis power supplies.

If, while the power is on, a failure is caused by any of the following that results in a low voltage supply, the CPU will turn the unit off in 1.5 seconds to prevent further damage:

- Failure within the power supply circuits.
- A short circuit in the load side from the supply.

**Power Failure:** Detected voltage failure for circuit.  
(Connected to IC800 pin 32 and pin 23.)

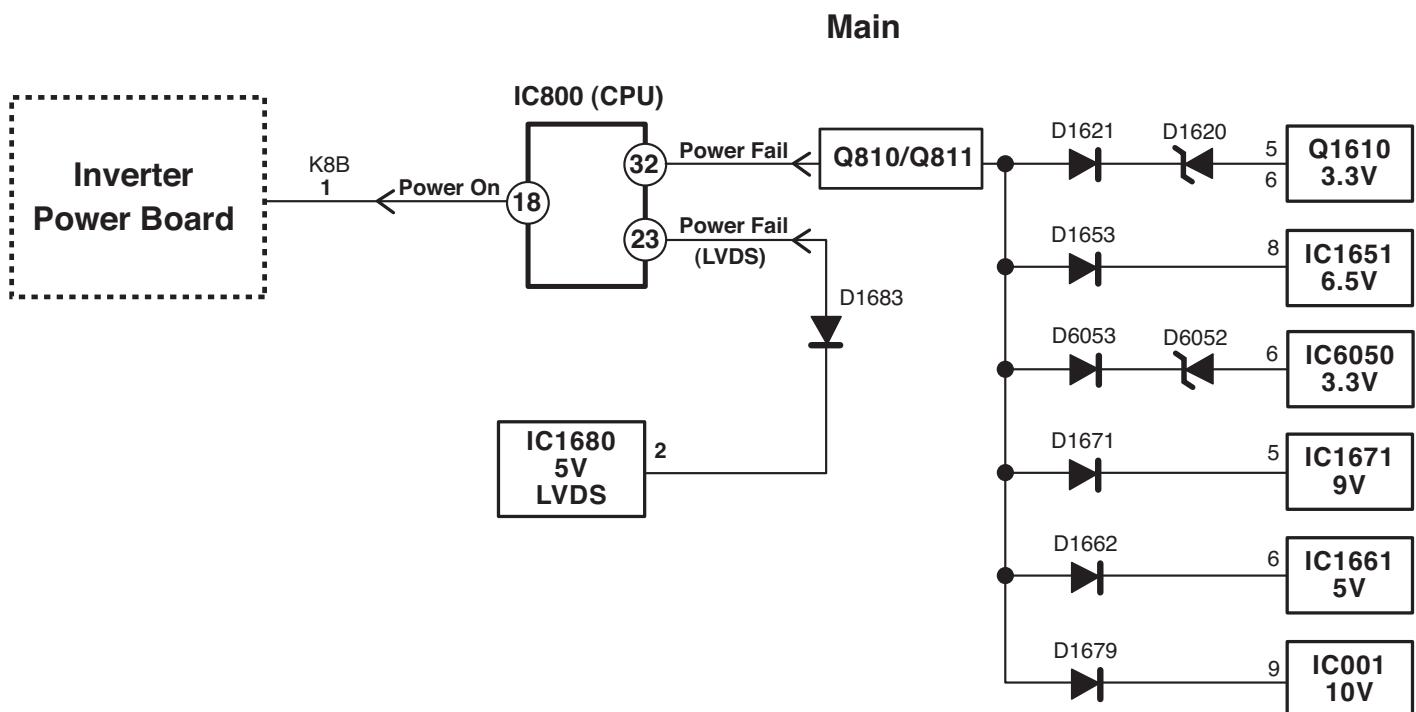
**(Normal: High; Failure: Low)**

If, while the power is off, the power is switched on and any of these failures remains uncorrected, the CPU will shut off the power within three seconds.

*Check the following if the unit is turned off by the power failure detector.*

1. Disconnect the AC power cord (120V AC line) for a short time.
2. Connect a DC Voltmeter to the circuits shown below.
3. Press the Power key and check for the proper voltage supplies.
4. If any of these voltages is low, the power failure detector should turn the unit off within three seconds.
5. Check all circuits shown below.

**Note:** If power failure is detected 3 times in 15 minutes, the set will enter the standby mode and cannot be switched On. To reset the operating programs of the CPU it is necessary to disconnect the AC cord for a short time.



# MECHANICAL DISASSEMBLY

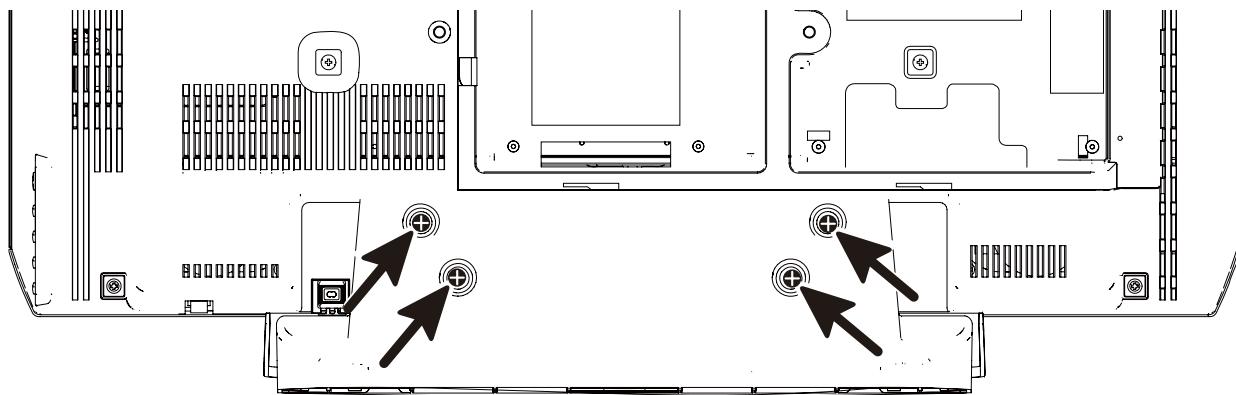
## ATTENTION

- This LCD TV uses several different kinds of screws. Using the **correct screw** is required to prevent damage.
- The **gaskets** are provided to prevent interference to other radio and television receivers. The gaskets must be returned to their previous positions after servicing.
- Lead wires must be redressed to previous positions after servicing.

## STAND REMOVAL

Position TV face down on a padded or cushioned surface to protect the screen and finish.

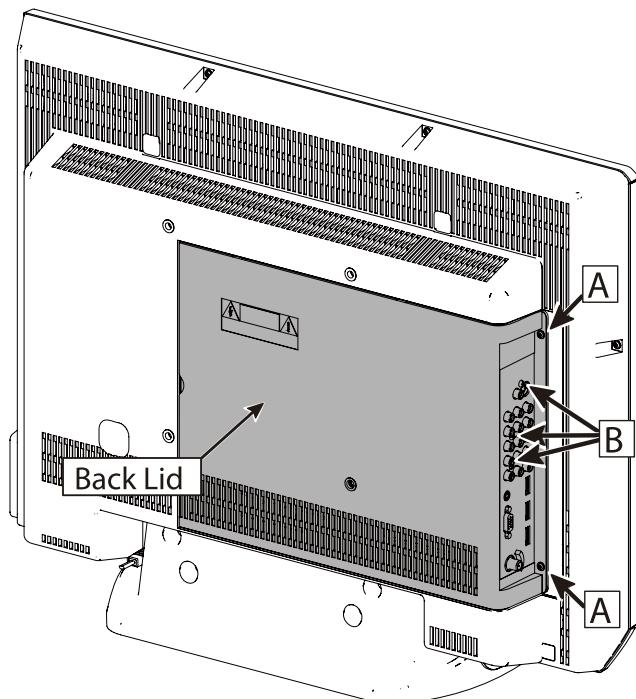
Remove 4 screws (6X16) and remove stand.



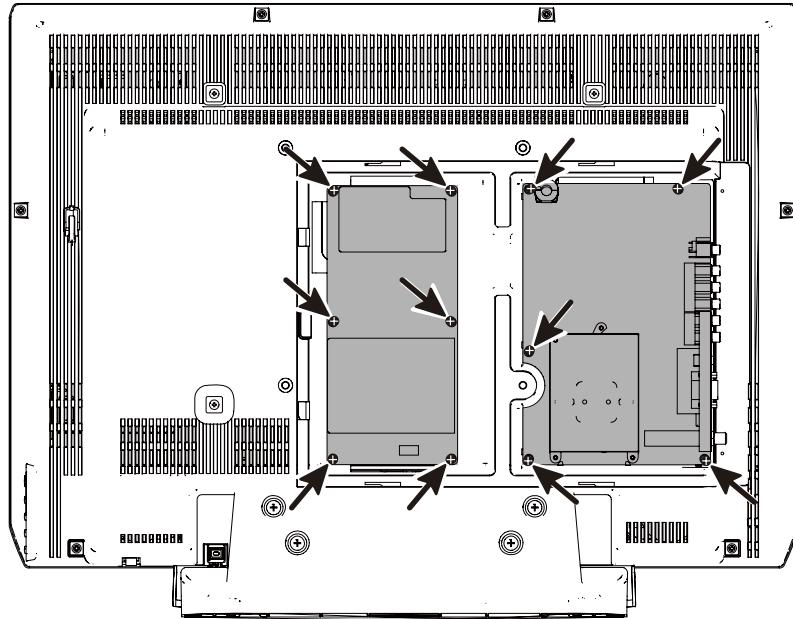
## BACK LID REMOVAL

Remove 5 screws to take the back Lid off.

(A:3X14, 2pcs; B:3X8, 3pc;)



## POWER AND MAIN BOARD REMOVAL



### 1: Main Board Removal

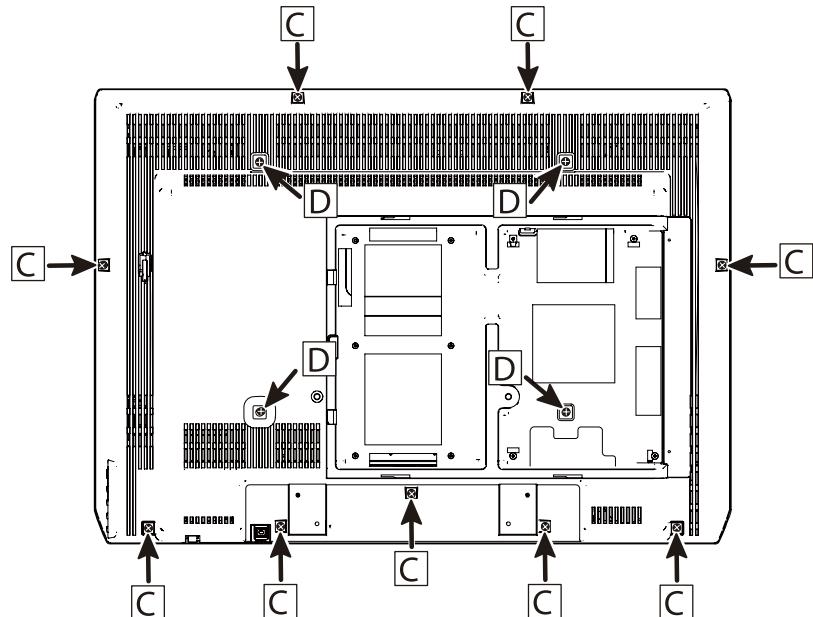
Remove 5 screws (3X14) to take the main board off.

### 2: Power Unit Removal

Remove 6 screws (3X14) to take the power unit off

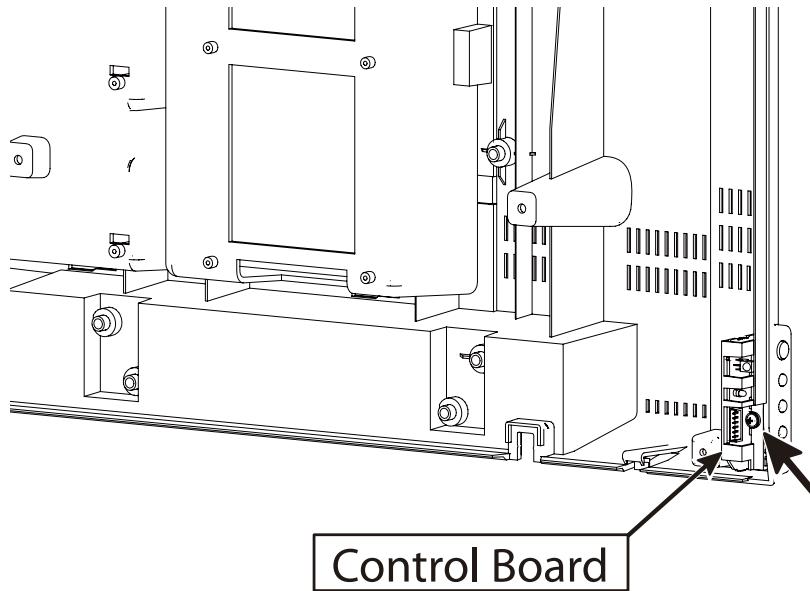
## LCD panel removal Removal

1. Disconnect the lead wires from LCD panel, speakers, and control board.
2. Once you have taken off the Lid back, stand base, power unit and main board remove 9 screws (C:3X14) and 4 screws (D:4X8) to take the back cabinet off.
3. Lift the LCD panel from the front cabinet.



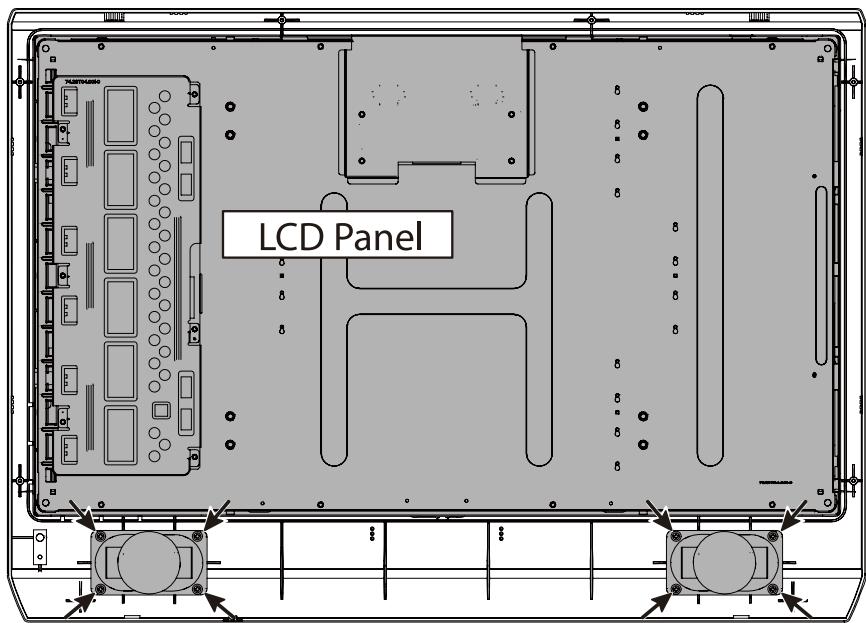
## Control Board Removal

Remove 1 screws (3X14) to take the control board off.



## Speakers Removal

Remove 4 screws (3X14) to remove each speaker



# CHASSIS ELECTRICAL PARTS LIST

**CAUTION: To Protect against electrical shock and for continued product safety, refer to SAFETY PRECAUTIONS, and PRODUCT SAFETY NOTICE on Page 2.**

## PRODUCT SAFETY NOTICE

**PRODUCT SAFETY SHOULD BE CONSIDERED WHEN A REPLACEMENT IS MADE IN ANY AREA OF A RECEIVER. COMPONENTS INDICATED BY A  $\Delta$  IN THIS PARTS LIST AND THE SCHEMATIC DIAGRAM DESIGNATE COMPONENTS IN WHICH SAFETY CAN BE OF SPECIAL SIGNIFICANCE. IT IS PARTICULARLY RECOMMENDED THAT ONLY PARTS DESIGNATED ON THE FOLLOWING PARTS LIST BE USED FOR COMPONENT REPLACEMENT DESIGNATED BY A  $\Delta$ . NO DEVIATIONS FROM RESISTANCE, WATTAGE, AND VOLTAGE RATINGS MAY BE MADE FOR REPLACEMENT ITEMS DESIGNATED BY A  $\Delta$ .**

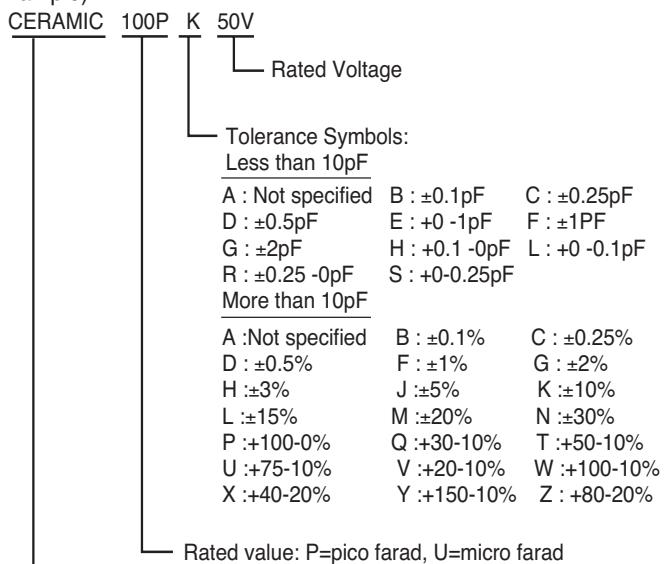
Note: Schematic part location numbers may not always match with the part descriptions.  
The part descriptions are correct and should be used.

## CAPACITORS

### NOTES:

Read description of the Capacitor as follows:

(Example)

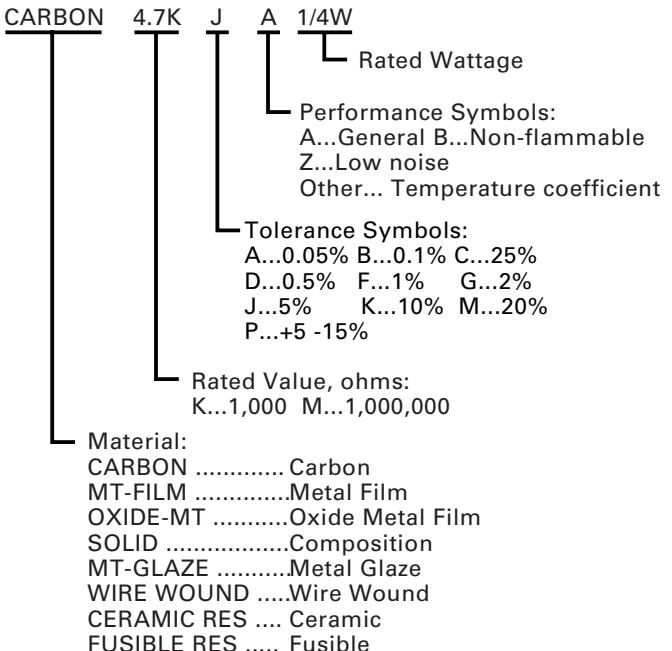


## RESISTORS

### NOTES:

Read description of the Resistor as follows:

(Example)



Schematic Location	Part No.	Description			Schematic Location	Part No.	Description		
<b>CAPACITORS</b>									
C001	CPXLB1C100YAN	NP-ELECT	10U M	16V	C1247	CEXLB1V470VDN	ELECT	47U M	35V
	CPXLB1C100ZAN	NP-ELECT	10U M	16V	C1248	CK1H104KLZBNG	CERAMIC	0.1U K	50V
C002	CK1H104ZLZFG	CERAMIC	0.1U Z	50V	C1249	CEXLB1V470VDN	ELECT	47U M	35V
C006	CEXLB1H4R7VDN	ELECT	4.7U M	5V	C1250	CK1H104KLZBNG	CERAMIC	0.1U K	50V
C007	CEXLB1C101VDN	ELECT	100U M	16V	C1251	CEXLB1V470VDN	ELECT	47U M	35V
C008	CK1H102KLZBNG	CERAMIC	1000P K	50V	C1252	CK1H104KLZBNG	CERAMIC	0.1U K	50V
C009	CK1H102KLZBNG	CERAMIC	1000P K	50V	C1253	CK1H104ZLZFG	CERAMIC	0.1U Z	50V
C013	CPXLB1C100YAN	NP-ELECT	10U M	16V	C1254	CEXLB1C101VDN	ELECT	100U M	16V
	CPXLB1C100ZAN	NP-ELECT	10U M	16V	C1265	CEXLB1H100VDN	ELECT	10U M	50V
C015	CEXLB1C222VDN	ELECT	2200U M	16V	C1603	CK1H104ZLZFG	CERAMIC	0.1U Z	50V
C016	CEXLB1H100VDN	ELECT	10U M	50V	C1609	CK1H104ZLZFG	CERAMIC	0.1U Z	50V
C017	CEXLB1H100VDN	ELECT	10U M	50V	C1610	CEXLB1E102VDN	ELECT	1K U M	25V
C801	CK1A105KLZBNG	CERAMIC	1U K	10V	C1611	CK1H104ZLZFG	CERAMIC	0.1U Z	50V
C802	CK1H104ZLZFG	CERAMIC	0.1U Z	50V	C1612	CK1H102KLZBNG	CERAMIC	1000P K	50V
C803	CEXLB1V470VDN	ELECT	47U M	35V	C1613	CK1H102KLZBNG	CERAMIC	1000P K	50V
C804	CK1H104ZLZFG	CERAMIC	0.1U Z	50V	C1614	CK1H102KLZBNG	CERAMIC	1000P K	50V
C805	CK1H103KLZBNG	CERAMIC	0.01U K	50V	C1615	CK1H104ZLZFG	CERAMIC	0.1U Z	50V
C807	CK1H104ZLZFG	CERAMIC	0.1U Z	50V	C1616	CK1H104ZLZFG	CERAMIC	0.1U Z	50V
C808	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W	C1617	CK1H103KLZBNG	CERAMIC	0.01U K	50V
C809	CC1H220JLZCNG	CERAMIC	22P J	50V	C1618	CK1H103KLZBNG	CERAMIC	0.01U K	50V
C810	CC1H220JLZCNG	CERAMIC	22P J	50V	C1619	CK1H104ZLZFG	CERAMIC	0.1U Z	50V
C811	CK1H104ZLZFG	CERAMIC	0.1U Z	50V	C1620	CK1H104ZLZFG	CERAMIC	0.1U Z	50V
C812	CC1H470JLZCNG	CERAMIC	47P J	50V	C1621	CK1H104ZLZFG	CERAMIC	0.1U Z	50V
C813	CC1H470JLZCNG	CERAMIC	47P J	50V	C1622	CK1H104ZLZFG	CERAMIC	0.1U Z	50V
C814	CK1H103KLZBNG	CERAMIC	0.01U K	50V	C1623	CK1H104ZLZFG	CERAMIC	0.1U Z	50V
C816	CK1H104ZLZFG	CERAMIC	0.1U Z	50V	C1624	CK1H104ZLZFG	CERAMIC	0.1U Z	50V
C818	CK1H222KLZBNG	CERAMIC	2200P K	50V	C1625	CK1H104ZLZFG	CERAMIC	0.1U Z	50V
C819	CEXLB0J221VDN	ELECT	220U M	6.3V	C1626	CK1H104ZLZFG	CERAMIC	0.1U Z	50V
C821	CK1H104ZLZFG	CERAMIC	0.1U Z	50V	C1627	CEXLB0J102VDN	ELECT	1000U M	6.3V
C822	CK1H104ZLZFG	CERAMIC	0.1U Z	50V	C1628	CEXLB0J102VDN	ELECT	1000U M	6.3V
C823	CK1H104ZLZFG	CERAMIC	0.1U Z	50V	C1629	CK1H104ZLZFG	CERAMIC	0.1U Z	50V
C824	CK1H103KLZBNG	CERAMIC	0.01U K	50V	C1630	CK1H104ZLZFG	CERAMIC	0.1U Z	50V
C825	CC1H470JLZCNG	CERAMIC	47P J	50V	C1651	CK1H104ZLZFG	CERAMIC	0.1U Z	50V
C1002	CEXLB1V470VDN	ELECT	47U M	35V	C1652	CK1H103KLZBNG	CERAMIC	0.01U K	50V
C1003	CEXLB1H4R7VDN	ELECT	4.7U M	5V	C1653	CEXLB1V471VDN	ELECT	470U M	35V
C1004	CEXLB1H4R7VDN	ELECT	4.7U M	5V	C1654	CK1H222KLZBNG	CERAMIC	2200P K	50V
C1011	CEXLB1H4R7VDN	ELECT	4.7U M	5V	C1655	CK1H103KLZBNG	CERAMIC	0.01U K	50V
C1012	CEXLB1H4R7VDN	ELECT	4.7U M	5V	C1656	CK1H103KLZBNG	CERAMIC	0.01U K	50V
C1013	CEXLB1H4R7VDN	ELECT	4.7U M	5V	C1657	CK1A105KLZBNG	CERAMIC	1U K	10V
C1014	CEXLB1H4R7VDN	ELECT	4.7U M	5V	C1658	CEXLB1V470VDN	ELECT	47U M	35V
C1015	CEXLB1H4R7VDN	ELECT	4.7U M	5V	C1659	CK1H104ZLZFG	CERAMIC	0.1U Z	50V
C1016	CEXLB1H4R7VDN	ELECT	4.7U M	5V	C1661	CK1H104ZLZFG	CERAMIC	0.1U Z	50V
C1017	CEXLB1H4R7VDN	ELECT	4.7U M	5V	C1662	CK1A105KLZBNG	CERAMIC	1U K	10V
C1201	CEXLB1V470VDN	ELECT	47U M	35V	C1666	CK1A105KLZBNG	CERAMIC	1U K	10V
C1202	CK1H104ZLZFG	CERAMIC	0.1U Z	50V	C1667	CEXLB1C101VDN	ELECT	100U M	16V
C1223	CEXLB1H4R7VDN	ELECT	4.7U M	5V	C1671	CEXLB1C101VDN	ELECT	100U M	16V
C1224	CEXLB1H4R7VDN	ELECT	4.7U M	5V	C1672	CK1H104ZLZFG	CERAMIC	0.1U Z	50V
C1233	CK1H104ZLZFG	CERAMIC	0.1U Z	50V	C1674	CK1H104ZLZFG	CERAMIC	0.1U Z	50V
C1234	CK1H104ZLZFG	CERAMIC	0.1U Z	50V	C1675	CEXLB1C101VDN	ELECT	100U M	16V
C1241	CK1H104KLZBNG	CERAMIC	0.1U K	50V	C1678	CK1H104ZLZFG	CERAMIC	0.1U Z	50V
C1242	CEXLB1V470VDN	ELECT	47U M	35V	C1679	CK1H104ZLZFG	CERAMIC	0.1U Z	50V
C1243	CK1H104KLZBNG	CERAMIC	0.1U K	50V	C1681	CK1H104ZLZFG	CERAMIC	0.1U Z	50V
C1244	CEXLB1V470VDN	ELECT	47U M	35V	C1682	CK1H104ZLZFG	CERAMIC	0.1U Z	50V
C1245	CK1H104KLZBNG	CERAMIC	0.1U K	50V	C1683	CK1H104ZLZFG	CERAMIC	0.1U Z	50V
C1246	CEXLB1V470VDN	ELECT	47U M	35V	C1684	CK1H104ZLZFG	CERAMIC	0.1U Z	50V
					C1685	CEXLB1V471VDN	ELECT	470U M	35V

Schematic Location	Part No.	Description			
C1686	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C1687	CEXLB1E102VDN	ELECT	1K U M	25V	
C1689	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C1693	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C1694	CEXLB1V471VDN	ELECT	470U M	35V	
C1901	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C1904	CK0J106KGMBNG	CERAMIC	10U K	6.3V	
C1907	CK1A105ZLZFNG	CERAMIC	1U Z	10V	
C1909	CC1H470JLZCNG	CERAMIC	47P J	50V	
C2400	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C2401	CEXLB1H100VDN	ELECT	10U M	50V	
C3200	CK1A105KLZBNG	CERAMIC	1U K	10V	
C3201	CK1A105KLZBNG	CERAMIC	1U K	10V	
C3202	CK1A105KLZBNG	CERAMIC	1U K	10V	
C3203	CK1A105KLZBNG	CERAMIC	1U K	10V	
C3204	CK1H223KLZBNG	CERAMIC	0.022U K	50V	
C3205	CK1H222KLZBNG	CERAMIC	2200P K	50V	
C3206	CK1H104KLZBNG	CERAMIC	0.1U K	50V	
C3208	CK1A105KLZBNG	CERAMIC	1U K	10V	
C3209	CK1A105KLZBNG	CERAMIC	1U K	10V	
C3210	CK1A105KLZBNG	CERAMIC	1U K	10V	
C3211	CK1A105KLZBNG	CERAMIC	1U K	10V	
C3212	CK1A105KLZBNG	CERAMIC	1U K	10V	
C3213	CK1A105KLZBNG	CERAMIC	1U K	10V	
C3214	CK1A105KLZBNG	CERAMIC	1U K	10V	
C3215	CK1H222KLZBNG	CERAMIC	2200P K	50V	
C3216	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C3217	CK1A105KLZBNG	CERAMIC	1U K	10V	
C3218	CK1A474KLZBNG	CERAMIC	0.47U K	10V	
C3219	CK1A105KLZBNG	CERAMIC	1U K	10V	
C3220	CK1A105KLZBNG	CERAMIC	1U K	10V	
C3221	CK1A105KLZBNG	CERAMIC	1U K	10V	
C3222	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C3223	CEXLB1C222VDN	ELECT	2200U M	16V	
C5500	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C5501	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C5504	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C5505	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C5506	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C5507	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C5508	CK1A105KLZBNG	CERAMIC	1U K	10V	
C5509	CK1A105KLZBNG	CERAMIC	1U K	10V	
C5510	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C5511	CK1A105KLZBNG	CERAMIC	1U K	10V	
C5512	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C5513	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C5514	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C5515	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C5516	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C5517	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C5518	CK1A105KLZBNG	CERAMIC	1U K	10V	
C5519	CK1A105KLZBNG	CERAMIC	1U K	10V	
C5520	CK1A105KLZBNG	CERAMIC	1U K	10V	
C5521	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C5522	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C5523	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	

Schematic Location	Part No.	Description			
C5524	CEXLBOJ221VDN	ELECT	220U M	6.3V	
C5525	CK0J106KGMBNG	CERAMIC	10U K	6.3V	
C5526	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C5527	CK0J106KGMBNG	CERAMIC	10U K	6.3V	
C5528	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C5529	CK1A105KLZBNG	CERAMIC	1U K	10V	
C5530	CEXLBOJ221VDN	ELECT	220U M	6.3V	
C5531	CEXLBOJ221VDN	ELECT	220U M	6.3V	
C5532	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C5533	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C5534	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C5535	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C5536	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C5537	CK0J106KGMBNG	CERAMIC	10U K	6.3V	
C5538	CK1A105KLZBNG	CERAMIC	1U K	10V	
C5539	CK1A105KLZBNG	CERAMIC	1U K	10V	
C5540	CK1A105KLZBNG	CERAMIC	1U K	10V	
C5541	CK1A105KLZBNG	CERAMIC	1U K	10V	
C5542	CK1A105KLZBNG	CERAMIC	1U K	10V	
C5543	CC1H180JLZCNG	CERAMIC	18P J	50V	
C5544	CK0J106KGMBNG	CERAMIC	10U K	6.3V	
C5545	CK1A105KLZBNG	CERAMIC	1U K	10V	
C5546	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C5547	CC1H180JLZCNG	CERAMIC	18P J	50V	
C5548	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C5549	CK1A105KLZBNG	CERAMIC	1U K	10V	
C5550	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C5551	CK0J106KGMBNG	CERAMIC	10U K	6.3V	
C5552	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C5553	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C5554	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C5555	CK1A105KLZBNG	CERAMIC	1U K	10V	
C5556	CK1A105KLZBNG	CERAMIC	1U K	10V	
C5557	CK0J106KGMBNG	CERAMIC	10U K	6.3V	
C5558	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C5559	CK1A105KLZBNG	CERAMIC	1U K	10V	
C5561	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C5562	CK0J475KLZBNG	CERAMIC	4.7U K	6.3V	
C5563	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C5564	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C5565	CK1A105KLZBNG	CERAMIC	1U K	10V	
C5566	CK0J475KLZBNG	CERAMIC	4.7U K	6.3V	
C5567	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C5568	CK1A105KLZBNG	CERAMIC	1U K	10V	
C5569	CK1A105KLZBNG	CERAMIC	1U K	10V	
C5570	CK0J106KGMBNG	CERAMIC	10U K	6.3V	
C5571	CK1A105KLZBNG	CERAMIC	1U K	10V	
C5572	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C5573	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C5574	CK1A105KLZBNG	CERAMIC	1U K	10V	
C5575	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C5576	CK1A105KLZBNG	CERAMIC	1U K	10V	
C5577	CK1A105KLZBNG	CERAMIC	1U K	10V	
C5579	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C5580	CK1A105KLZBNG	CERAMIC	1U K	10V	
C5581	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	

Schematic Location	Part No.	Description			Schematic Location	Part No.	Description		
C5582	CK1A105KLZBNG	CERAMIC	1U K	10V	C5700	CK1A105KLZBNG	CERAMIC	1U K	10V
C5583	CK0J475KLZBNG	CERAMIC	4.7U K	6.3V	C5702	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5584	CK0J475KLZBNG	CERAMIC	4.7U K	6.3V	C5703	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5585	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	C5704	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5586	CC1H101JLZCNG	CERAMIC	100P J	50V	C5707	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5587	CK0J475KLZBNG	CERAMIC	4.7U K	6.3V	C5710	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5588	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	C5712	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5589	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	C5713	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5590	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	C5714	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5591	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	C5716	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5592	CK0J475KLZBNG	CERAMIC	4.7U K	6.3V	C5717	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5593	CK1H103KLZBNG	CERAMIC	0.01U K	50V	C5718	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5594	CK1H104KLZBNG	CERAMIC	0.1U K	50V	C5719	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5595	CK1H104KLZBNG	CERAMIC	0.1U K	50V	C5750	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5596	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	C5751	CEXLB1V470VDN	ELECT	47U M	35V
C5597	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	C5800	CEXLB1H100VDN	ELECT	10U M	50V
C5598	CK1H104KLZBNG	CERAMIC	0.1U K	50V	C5801	CEXLB1H100VDN	ELECT	10U M	50V
C5599	CK1H104KLZBNG	CERAMIC	0.1U K	50V	C5802	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5600	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	C5803	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5602	CK1H103KLZBNG	CERAMIC	0.01U K	50V	C5804	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5603	CK1H104KLZBNG	CERAMIC	0.1U K	50V	C5805	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5605	CK1H104KLZBNG	CERAMIC	0.1U K	50V	C5806	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5606	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	C5807	CC1H120JLZCNG	CERAMIC	12P J	50V
C5608	CK0J475KLZBNG	CERAMIC	4.7U K	6.3V	C5808	CC1H120JLZCNG	CERAMIC	12P J	50V
C5611	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	C5809	CC1H120JLZCNG	CERAMIC	12P J	50V
C5612	CK1A105KLZBNG	CERAMIC	1U K	10V	C5811	CC1H150JLZCNG	CERAMIC	15P J	50V
C5614	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	C5812	CC1H150JLZCNG	CERAMIC	15P J	50V
C5616	CK1A105KLZBNG	CERAMIC	1U K	10V	C5813	CC1H150JLZCNG	CERAMIC	15P J	50V
C5617	CK0J475KLZBNG	CERAMIC	4.7U K	6.3V	C5815	CC1H270JLZCNG	CERAMIC	27P J	50V
C5618	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	C5816	CC1H270JLZCNG	CERAMIC	27P J	50V
C5619	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	C5817	CC1H270JLZCNG	CERAMIC	27P J	50V
C5620	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	C5819	CC1H680JLZCNG	CERAMIC	68P J	50V
C5621	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	C5820	CC1H680JLZCNG	CERAMIC	68P J	50V
C5622	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	C5821	CC1H680JLZCNG	CERAMIC	68P J	50V
C5623	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	C5901	CK1A474KLZBNG	CERAMIC	0.47U K	10V
C5624	CK1H103KLZBNG	CERAMIC	0.01U K	50V	C5904	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5625	CK1H103KLZBNG	CERAMIC	0.01U K	50V	C5905	CEXLB1H100VDN	ELECT	10U M	50V
C5626	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	C6050	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5627	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	C6051	CK1A105KLZBNG	CERAMIC	1U K	10V
C5629	CC1H560JLZCNG	CERAMIC	56P J	50V	C6055	CK1A105KLZBNG	CERAMIC	1U K	10V
C5630	CK0J475KLZBNG	CERAMIC	4.7U K	6.3V	C6056	CEXLB1V470VDN	ELECT	47U M	35V
C5631	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	C6057	CK1A105KLZBNG	CERAMIC	1U K	10V
C5632	CK1A105KLZBNG	CERAMIC	1U K	10V	C6060	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5635	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W	C6061	CK1A105KLZBNG	CERAMIC	1U K	10V
C5636	RGFR000ZTCANL	MT-GLAZE	0.000 ZA	1/10W	C6065	CK1A105KLZBNG	CERAMIC	1U K	10V
C5638	CC1H100JLZCNG	CERAMIC	10P J	50V	C6066	CEXLBOJ221VDN	ELECT	220U M	6.3V
C5639	CC1H100JLZCNG	CERAMIC	10P J	50V	C6067	CEXLBOJ102VDN	ELECT	1000U M	6.3V
C5640	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	C6071	CK1A105KLZBNG	CERAMIC	1U K	10V
C5642	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	C6072	CEXLB1V470VDN	ELECT	47U M	35V
C5643	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	C6099	CEXLBOJ221VDN	ELECT	220U M	6.3V
C5644	CK1C224KLZBNG	CERAMIC	0.22U K	16V	C6100	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5645	CK1C224KLZBNG	CERAMIC	0.22U K	16V	C6102	CC1H101JLZCNG	CERAMIC	100P J	50V
C5646	CK1C224KLZBNG	CERAMIC	0.22U K	16V	C6103	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V
C5648	CK1H392KLZBNG	CERAMIC	3900P K	50V	C6105	CEXLB1V471VDN	ELECT	470U M	35V
C5649	CK1H393KLZBNG	CERAMIC	0.039U K	50V	C6108	CC1H220JLZCNG	CERAMIC	22P J	50V
C5650	CK1A105KLZBNG	CERAMIC	1U K	10V	C6109	CK1H102KLZBNG	CERAMIC	1000P K	50V

Schematic Location	Part No.	Description			
C6110	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C6111	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C6112	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C6113	CC1H220JLZCNG	CERAMIC	22P J	50V	
C6200	CEXLB1H100VDN	ELECT	10U M	50V	
C6201	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C6204	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C6205	CEXLB1H4R7VDN	ELECT	4.7U M	5V	
C6206	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C6207	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C6208	CEXLB1H4R7VDN	ELECT	4.7U M	5V	
C6209	CEXLB1H100VDN	ELECT	10U M	50V	
C6210	CEXLB1H100VDN	ELECT	10U M	50V	
C6213	CK1H222KLZBNG	CERAMIC	2200P K	50V	
C6214	CK1H222KLZBNG	CERAMIC	2200P K	50V	
C6271	CEXLB1H100VDN	ELECT	10U M	50V	
C6272	CEXLB1H100VDN	ELECT	10U M	50V	
C6273	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C6274	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C6275	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C6276	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C6277	CEXLB1H100VDN	ELECT	10U M	50V	
C6278	CEXLB1H100VDN	ELECT	10U M	50V	
C6279	CK0J475KLZBNG	CERAMIC	4.7U K	6.3V	
C6280	CK0J475KLZBNG	CERAMIC	4.7U K	6.3V	
C6332	CK1A105KLZBNG	CERAMIC	1U K	10V	
C6350	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C6351	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C6352	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C6354	CEXLB1C101VDN	ELECT	100U M	16V	
C6355	CEXLB1H4R7VDN	ELECT	4.7U M	5V	
C6356	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C6357	CK1A105KLZBNG	CERAMIC	1U K	10V	
C6500	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C6501	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C6503	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
C6504	CK1H104ZLZFNG	CERAMIC	0.1U Z	50V	
<b>DIODES</b>					
D801	DD1SS352----G	DIODE 1SS352-(TPH3)			
	DD1SS355----G	DIODE 1SS355 TE-17			
D1221	DD1SS352----G	DIODE 1SS352-(TPH3)			
	DD1SS355----G	DIODE 1SS355 TE-17			
D1222	DD1SS352----G	DIODE 1SS352-(TPH3)			
	DD1SS355----G	DIODE 1SS355 TE-17			
D1261	DDR551V-30-G	DIODE RB551V-30 TE-17			
D1611	DDD1FM3----G	DIODE D1FM3			
D1612	DDD1FM3----G	DIODE D1FM3			
D1671	DD1SS352----G	DIODE 1SS352-(TPH3)			
	DD1SS355----G	DIODE 1SS355 TE-17			
D1681	DDD1FM3----G	DIODE D1FM3			
D1683	DD1SS352----G	DIODE 1SS352-(TPH3)			
	DD1SS355----G	DIODE 1SS355 TE-17			
D1901	DLSLR343MC3FN	LED SLR-343MC3F			
D2400	DDR551V-30-G	DIODE RB551V-30 TE-17			
D3216	DDR551V-30-G	DIODE RB551V-30 TE-17			

Schematic Location	Part No.	Description			
D6052	DZUDZS3.0B--G	ZD UDZS3.0B-TE-17			
D6053	DD1SS352----G	DIODE 1SS352-(TPH3)			
	DD1SS355----G	DIODE 1SS355 TE-17			
ZD801	DZUDZS3.9B--G	ZD UDZS-TE-173.9B			
ZD802	DZUDZS6.2B--G	ZENER DIODE UDZS6.2B TE-1			
<b>INTEGRATED CIRCUITS</b>					
IC001	QLA42205-E--N	IC LA42205-E			
IC800	QXXAVC974---M	IC LC87F5932AU-QIP-E			
	QUE24C042M-EP	IC LE24C042M-TLM-E			
	QXXAVC820---P	IC AT24C04N-10SU-1.8			
	QXXAVC844---P	IC CAT24C04WI-GT3			
IC802	QTC7SET08FU-P	IC TC7SET08FU			
IC803	QTC7SH08FU--P	IC TC7SH08FU			
IC1220	QTC74HC123AFG	IC TC74HC123AF			
IC1240	QM52055FP---P	IC M52055FP			
IC1251	QCD4052BNSR-P	IC CD4052BNSR			
	QTC4052BF---P	IC TC4052BF-EL			
IC1600	QBD9842FV---P	IC BD9842FV-E2			
IC1651	QMP2106DK---P	IC MP2106DK			
IC1661	QPQ070XNA1ZPP	IC PQ070XNA1ZPH			
IC1671	QXXAVC692---P	IC PQ1LAX95MSPQ			
IC1680	QLA5774MP---P	IC LA5774MP-DL-E			
IC1690	QPST600DMT---P	IC PST600DMT			
IC2400	QXXAVC837---P	IC AT24C02BN-10SU-1.8			
	QXXAVC986---P	IC CAT24C02WI-GT3			
IC3200	QNJW1142CV--P	IC NJW1142CV			
IC5500	QXXAVC968---M	IC ZR39770			
IC5510	QTC7SZ08FU--P	IC TC7SZ08FU			
IC5590	QTC7SH08FU--P	IC TC7SH08FU			
IC5591	QTC7SH08FU--P	IC TC7SH08FU			
IC5700	QXXAVC946---M	IC HYB18T256161BF-25			
IC5750	QXXAAQJ0875--	IC W25X32VSSIG N6CE			
IC5900	QM51957BFP--P	IC M51957BFP			
IC6050	QPQ070XNA1ZPP	IC PQ070XNA1ZPH			
IC6051	QPQ070XNA1ZPP	IC PQ070XNA1ZPH			
IC6060	QXXAVC976---P	IC PQ018EN02ZPH			
IC6200	QCS4352-CZZ-P	IC CS4352-CZZ			
IC6270	QXXAVC944---P	IC WM8781GEDS/R			
IC6501	QTC7SET08FU-P	IC TC7SET08FU			
IC6502	QTC7SET08FU-P	IC TC7SET08FU			
<b>COILS</b>					
L002	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W			
L003	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W			
L004	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W			
L005	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W			
L006	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W			
L801	1AV4L2FB3R3MG	INDUCTOR, 3.3U M			
L802	1AV4L2FB3R3MG	INDUCTOR, 3.3U M			
L803	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W			
L804	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W			
L805	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W			
L1000	1AV4L2FB3R3MG	INDUCTOR, 3.3U M			
L1201	1AV4L2FB3R3MG	INDUCTOR, 3.3U M			
L1221	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W			

Schematic Location	Part No.	Description	Schematic Location	Part No.	Description
L1241	1AV4L2FB3R3MG	INDUCTOR, 3.3U M	L1728	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1261	1AV4L2GAR22JG	INDUCTOR, 0.22U J	L1902	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1601	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W	L5501	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1603	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W	L5502	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1604	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W	L5505	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1605	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W	L5506	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1606	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W	L5507	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1608	1LB4L26B0740G	INDUCTOR, 220 OHM	L5508	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1609	1LB4L26B0740G	INDUCTOR, 220 OHM	L5509	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1612	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W	L5510	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1613	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W	L5511	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1614	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W	L5513	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1615	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W	L5514	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1616	1AV4L2WK150MN	INDUCTOR, 15U M	L5515	1AV4L2FB3R3MG	INDUCTOR, 3.3U M
	1LB4L26B1000N	INDUCTOR, 15UH	L5516	1AV4L2FB3R3MG	INDUCTOR, 3.3U M
L1617	1AV4L2WK150MN	INDUCTOR, 15U M	L5517	1AV4L2FB3R3MG	INDUCTOR, 3.3U M
	1LB4L26B1000N	INDUCTOR, 15UH	L5519	1LB4L26B0740G	INDUCTOR, 220 OHM
L1618	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W	L5520	1LB4L26B0740G	INDUCTOR, 220 OHM
L1619	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W	L5521	1AV4L2FB3R3MG	INDUCTOR, 3.3U M
L1621	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W	L5524	1AV4L2GAR22JG	INDUCTOR, 0.22U J
L1622	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W	L5528	1AV4L2FB3R3MG	INDUCTOR, 3.3U M
L1651	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W	L5532	1AV4L2FB3R3MG	INDUCTOR, 3.3U M
L1652	1AV4L2WK150MN	INDUCTOR, 15U M	L5750	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
	1LB4L26B1000N	INDUCTOR, 15UH	L5800	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1653	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W	L5801	1AV4L2GA150JG	INDUCTOR, 15U J
L1661	1LB4L26B0740G	INDUCTOR, 220 OHM	L5802	1AV4L2GA150JG	INDUCTOR, 15U J
L1662	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W	L5803	1AV4L2GA150JG	INDUCTOR, 15U J
L1663	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W	L5805	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1671	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W	L5806	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1672	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W	L5807	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1674	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W	L5808	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1681	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W	L5809	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1682	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W	L5810	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1684	1AV4L2WK680MN	INDUCTOR, 68U M	L5811	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
	1LB4L26B1040N	INDUCTOR, 68UH	L5812	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1690	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W	L6050	1LB4L26B0740G	INDUCTOR, 220 OHM
L1691	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W	L6051	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1692	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W	L6052	1LB4L26B0740G	INDUCTOR, 220 OHM
L1693	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W	L6053	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1694	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W	L6060	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1695	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W	L6063	1LB4L26B0740G	INDUCTOR, 220 OHM
L1696	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W	L6064	1LB4L26B0740G	INDUCTOR, 220 OHM
L1697	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W	L6103	1AV4L2FB3R3MG	INDUCTOR, 3.3U M
L1698	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W	L6105	1AV4L26B1940G	INDUCTOR, 120 OHM
L1699	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W		1LB4L26B0700G	INDUCTOR, 120 OHM
L1700	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W	L6106	1AV4L26B1940G	INDUCTOR, 120 OHM
L1701	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W		1LB4L26B0700G	INDUCTOR, 120 OHM
L1702	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W	L6107	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1703	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W	L6108	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1704	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W	L6110	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1705	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W	L6111	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1706	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W	L6112	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1707	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W	L6113	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1724	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W	L6114	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1725	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W	L6115	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W
L1727	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W	L6116	RGFR000ZTAANL	MT-GLAZE 0.000 ZA 1/10W

Schematic Location	Part No.	Description		
L6117	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L6119	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L6120	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L6121	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L6122	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L6200	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L6201	1AV4L2FB3R3MG	INDUCTOR, 3.3U M		
L6202	1AV4L2FB3R3MG	INDUCTOR, 3.3U M		
L6271	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L6272	1AV4L2FB3R3MG	INDUCTOR, 3.3U M		
L6350	1AV4L3CY201MG	IMPEDANCE, 200 OHM M		
L6351	1AV4L3CY201MG	IMPEDANCE, 200 OHM M		
L6352	1AV4L3CY201MG	IMPEDANCE, 200 OHM M		
L6355	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L6356	1LB4L26B0740G	INDUCTOR, 220 OHM		
L6357	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L6358	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L6366	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L6367	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L6368	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L6369	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L6500	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L6506	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L6507	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L6508	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L6509	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L6510	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L6511	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L6512	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L6513	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L6514	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L6515	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L6516	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L6517	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L6601	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L6602	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L6603	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L6604	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L6605	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L6606	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L6607	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L6608	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L6609	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L6610	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L6611	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L6612	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L6613	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L6614	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L6615	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L6616	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L6617	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L6618	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L6619	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L6620	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L6621	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L6622	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W

Schematic Location	Part No.	Description		
L6623	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L6624	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L7001	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L7002	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L7003	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L7004	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L7005	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L7006	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L7007	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L7008	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L7009	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L7010	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L7011	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L7012	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L7013	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L7014	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L7015	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L7016	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L7017	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
L7018	RGFR000ZTAANL	MT-GLAZE	0.000 ZA	1/10W
<b>TRANSISTORS</b>				
Q801	T2SC2412K-R-P	TR 2SC2412K-T-96-R		
	T2SC2412K-S-P	TR 2SC2412K-T-96-S		
	T2SC2812-L6-P	TR 2SC2812-L6-TB		
	T2SC2812-L7-P	TR 2SC2812-L7-TB		
	T2SC2812N-L6P	TR 2SC2812N-L6-TB		
	T2SC3928A1R-P	TR 2SC3928A1R		
	T2SC3928A1S-P	TR 2SC3928A1S		
	T2SA1037AK-RP	TR 2SA1037AK T146 R		
	T2SA1037AK-SP	TR 2SA1037AK T146 S		
	T2SA1235A1E-P	TR 2SA1235A1E		
Q802	T2SA1235A1F-P	TR 2SA1235A1F		
	TISA1235AC1EP	TR ISA1235AC1E		
	TISA1235AC1FP	TR ISA1235AC1F		
	T2SC2412K-R-P	TR 2SC2412K-T-96-R		
	T2SC2412K-S-P	TR 2SC2412K-T-96-S		
	T2SC2812-L6-P	TR 2SC2812-L6-TB		
	T2SC2812-L7-P	TR 2SC2812-L7-TB		
	T2SC2812N-L6P	TR 2SC2812N-L6-TB		
	T2SC3928A1R-P	TR 2SC3928A1R		
	T2SC3928A1S-P	TR 2SC3928A1S		
Q803	T2SC2412K-R-P	TR 2SC2412K-T-96-R		
	T2SC2412K-S-P	TR 2SC2412K-T-96-S		
	T2SC2812-L6-P	TR 2SC2812-L6-TB		
	T2SC2812-L7-P	TR 2SC2812-L7-TB		
	T2SC2812N-L6P	TR 2SC2812N-L6-TB		
	T2SC3928A1R-P	TR 2SC3928A1R		
	T2SC3928A1S-P	TR 2SC3928A1S		
	T2SC2412K-R-P	TR 2SC2412K-T-96-R		
	T2SC2412K-S-P	TR 2SC2412K-T-96-S		
	T2SC2812-L6-P	TR 2SC2812-L6-TB		
Q805	T2SC2812-L7-P	TR 2SC2812-L7-TB		
	T2SC2812N-L6P	TR 2SC2812N-L6-TB		
	T2SC3928A1R-P	TR 2SC3928A1R		
	T2SC3928A1S-P	TR 2SC3928A1S		
	T2SC2412K-R-P	TR 2SC2412K-T-96-R		
	T2SC2412K-S-P	TR 2SC2412K-T-96-S		
	T2SC2812-L6-P	TR 2SC2812-L6-TB		
	T2SC2812-L7-P	TR 2SC2812-L7-TB		
	T2SC2812N-L6P	TR 2SC2812N-L6-TB		
	T2SC3928A1R-P	TR 2SC3928A1R		
Q808	T2SC3928A1S-P	TR 2SC3928A1S		
	T2SA1037AK-RP	TR 2SA1037AK T146 R		
	T2SA1037AK-SP	TR 2SA1037AK T146 S		
	T2SA1235A1E-P	TR 2SA1235A1E		
	T2SA1235A1F-P	TR 2SA1235A1F		
	TISA1235AC1EP	TR ISA1235AC1E		
	TISA1235AC1FP	TR ISA1235AC1F		

<b>Schematic Location</b>	<b>Part No.</b>	<b>Description</b>	<b>Schematic Location</b>	<b>Part No.</b>	<b>Description</b>
Q809	T2SC2412K-R-P	TR 2SC2412K-T-96-R	Q1202	T2SC2412K-R-P	TR 2SC2412K-T-96-R
	T2SC2412K-S-P	TR 2SC2412K-T-96-S		T2SC2412K-S-P	TR 2SC2412K-T-96-S
	T2SC2812-L6-P	TR 2SC2812-L6-TB		T2SC2812-L6-P	TR 2SC2812-L6-TB
	T2SC2812-L7-P	TR 2SC2812-L7-TB		T2SC2812-L7-P	TR 2SC2812-L7-TB
	T2SC2812N-L6P	TR 2SC2812N-L6-TB		T2SC2812N-L6P	TR 2SC2812N-L6-TB
	T2SC3928A1R-P	TR 2SC3928A1R		T2SC3928A1R-P	TR 2SC3928A1R
	T2SC3928A1S-P	TR 2SC3928A1S		T2SC3928A1S-P	TR 2SC3928A1S
Q810	T2SC2412K-R-P	TR 2SC2412K-T-96-R	Q1203	T2SC2412K-R-P	TR 2SC2412K-T-96-R
	T2SC2412K-S-P	TR 2SC2412K-T-96-S		T2SC2412K-S-P	TR 2SC2412K-T-96-S
	T2SC2812-L6-P	TR 2SC2812-L6-TB		T2SC2812-L6-P	TR 2SC2812-L6-TB
	T2SC2812-L7-P	TR 2SC2812-L7-TB		T2SC2812-L7-P	TR 2SC2812-L7-TB
	T2SC2812N-L6P	TR 2SC2812N-L6-TB		T2SC2812N-L6P	TR 2SC2812N-L6-TB
	T2SC3928A1R-P	TR 2SC3928A1R		T2SC3928A1R-P	TR 2SC3928A1R
	T2SC3928A1S-P	TR 2SC3928A1S		T2SC3928A1S-P	TR 2SC3928A1S
Q811	T2SA1037AK-RP	TR 2SA1037AK T146 R	Q1204	T2SC2412K-R-P	TR 2SC2412K-T-96-R
	T2SA1037AK-SP	TR 2SA1037AK T146 S		T2SC2412K-S-P	TR 2SC2412K-T-96-S
	T2SA1235A1E-P	TR 2SA1235A1E		T2SC2812-L6-P	TR 2SC2812-L6-TB
	T2SA1235A1F-P	TR 2SA1235A1F		T2SC2812-L7-P	TR 2SC2812-L7-TB
	TISA1235AC1EP	TR ISA1235AC1E		T2SC2812N-L6P	TR 2SC2812N-L6-TB
	TISA1235AC1FP	TR ISA1235AC1F		T2SC3928A1R-P	TR 2SC3928A1R
	T2SC2412K-R-P	TR 2SC2412K-T-96-R		T2SC3928A1S-P	TR 2SC3928A1S
Q813	T2SC2412K-S-P	TR 2SC2412K-T-96-S	Q1241	T2SC2412K-R-P	TR 2SC2412K-T-96-R
	T2SC2812-L6-P	TR 2SC2812-L6-TB		T2SC2412K-S-P	TR 2SC2412K-T-96-S
	T2SC2812-L7-P	TR 2SC2812-L7-TB		T2SC2812-L6-P	TR 2SC2812-L6-TB
	T2SC2812N-L6P	TR 2SC2812N-L6-TB		T2SC2812-L7-P	TR 2SC2812-L7-TB
	T2SC3928A1R-P	TR 2SC3928A1R		T2SC2812N-L6P	TR 2SC2812N-L6-TB
	T2SC3928A1S-P	TR 2SC3928A1S		T2SC3928A1R-P	TR 2SC3928A1R
	T2SC3928A1S-P	TR 2SC3928A1S		T2SC3928A1S-P	TR 2SC3928A1S
Q814	T2SC2412K-R-P	TR 2SC2412K-T-96-R	Q1261	T2SC2412K-R-P	TR 2SC2412K-T-96-R
	T2SC2412K-S-P	TR 2SC2412K-T-96-S		T2SA1037AK-SP	TR 2SA1037AK T146 S
	T2SC2812-L6-P	TR 2SC2812-L6-TB		T2SA1235A1E-P	TR 2SA1235A1E
	T2SC2812-L7-P	TR 2SC2812-L7-TB		T2SA1235A1F-P	TR 2SA1235A1F
	T2SC2812N-L6P	TR 2SC2812N-L6-TB		TISA1235AC1EP	TR ISA1235AC1E
	T2SC3928A1R-P	TR 2SC3928A1R		TISA1235AC1FP	TR ISA1235AC1F
	T2SC3928A1S-P	TR 2SC3928A1S		T2SC3928A1S-P	TR 2SC3928A1S
Q1006	T2SC2412K-S-P	TR 2SC2412K-T-96-S	Q1262	T2SC2412K-R-P	TR 2SC2412K-T-96-R
	T2SC2812-L6-P	TR 2SC2812-L6-TB		T2SC2412K-S-P	TR 2SC2412K-T-96-S
	T2SC2812-L7-P	TR 2SC2812-L7-TB		T2SC2812-L6-P	TR 2SC2812-L6-TB
	T2SC2812N-L6P	TR 2SC2812N-L6-TB		T2SC2812-L7-P	TR 2SC2812-L7-TB
	T2SC3928A1R-P	TR 2SC3928A1R		T2SC2812N-L6P	TR 2SC2812N-L6-TB
	T2SC3928A1S-P	TR 2SC3928A1S		T2SC3928A1R-P	TR 2SC3928A1R
	T2SC3928A1S-P	TR 2SC3928A1S		T2SC3928A1S-P	TR 2SC3928A1S
Q1007	T2SC2412K-R-P	TR 2SC2412K-T-96-R	Q1611	T2SC2412K-R-P	TR 2SC2412K-T-96-R
	T2SC2412K-S-P	TR 2SC2412K-T-96-S		T2SC2412K-S-P	TR 2SC2412K-T-96-S
	T2SC2812-L6-P	TR 2SC2812-L6-TB		T2SC2812-L6-P	TR 2SC2812-L6-TB
	T2SC2812-L7-P	TR 2SC2812-L7-TB		T2SC2812-L7-P	TR 2SC2812-L7-TB
	T2SC2812N-L6P	TR 2SC2812N-L6-TB		T2SC2812N-L6P	TR 2SC2812N-L6-TB
	T2SC3928A1R-P	TR 2SC3928A1R		T2SC3928A1R-P	TR 2SC3928A1R
	T2SC3928A1S-P	TR 2SC3928A1S		T2SC3928A1S-P	TR 2SC3928A1S
Q1201	T2SC2412K-R-P	TR 2SC2412K-T-96-R	Q1612	T2SC2412K-R-P	TR 2SC2412K-T-96-R
	T2SC2412K-S-P	TR 2SC2412K-T-96-S		T2SC2412K-S-P	TR 2SC2412K-T-96-S
	T2SC2812-L6-P	TR 2SC2812-L6-TB		T2SC2812-L6-P	TR 2SC2812-L6-TB
	T2SC2812-L7-P	TR 2SC2812-L7-TB		T2SC2812-L7-P	TR 2SC2812-L7-TB
	T2SC2812N-L6P	TR 2SC2812N-L6-TB		T2SC2812N-L6P	TR 2SC2812N-L6-TB
	T2SC3928A1R-P	TR 2SC3928A1R		T2SC3928A1R-P	TR 2SC3928A1R
	T2SC3928A1S-P	TR 2SC3928A1S		T2SC3928A1S-P	TR 2SC3928A1S

Schematic Location	Part No.	Description
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Q1651 T2SC2412K-R-P TR 2SC2412K-T-96-R  
T2SC2412K-S-P TR 2SC2412K-T-96-S  
T2SC2812-L6-P TR 2SC2812-L6-TB  
T2SC2812-L7-P TR 2SC2812-L7-TB  
T2SC2812N-L6P TR 2SC2812N-L6-TB  
T2SC3928A1R-P TR 2SC3928A1R  
T2SC3928A1S-P TR 2SC3928A1S

Q1681 T2SC2412K-R-P TR 2SC2412K-T-96-R  
T2SC2412K-S-P TR 2SC2412K-T-96-S  
T2SC2812-L6-P TR 2SC2812-L6-TB  
T2SC2812-L7-P TR 2SC2812-L7-TB  
T2SC2812N-L6P TR 2SC2812N-L6-TB  
T2SC3928A1R-P TR 2SC3928A1R  
T2SC3928A1S-P TR 2SC3928A1S

Q2400 T2SC2412K-R-P TR 2SC2412K-T-96-R  
T2SC2412K-S-P TR 2SC2412K-T-96-S  
T2SC2812-L6-P TR 2SC2812-L6-TB  
T2SC2812-L7-P TR 2SC2812-L7-TB  
T2SC2812N-L6P TR 2SC2812N-L6-TB  
T2SC3928A1R-P TR 2SC3928A1R  
T2SC3928A1S-P TR 2SC3928A1S

Q5800 T2SC2412K-R-P TR 2SC2412K-T-96-R  
T2SC2412K-S-P TR 2SC2412K-T-96-S  
T2SC2812-L6-P TR 2SC2812-L6-TB  
T2SC2812-L7-P TR 2SC2812-L7-TB  
T2SC2812N-L6P TR 2SC2812N-L6-TB  
T2SC3928A1R-P TR 2SC3928A1R  
T2SC3928A1S-P TR 2SC3928A1S

Q5801 T2SC2412K-R-P TR 2SC2412K-T-96-R  
T2SC2412K-S-P TR 2SC2412K-T-96-S  
T2SC2812-L6-P TR 2SC2812-L6-TB  
T2SC2812-L7-P TR 2SC2812-L7-TB  
T2SC2812N-L6P TR 2SC2812N-L6-TB  
T2SC3928A1R-P TR 2SC3928A1R  
T2SC3928A1S-P TR 2SC3928A1S

Q5802 T2SC2412K-R-P TR 2SC2412K-T-96-R  
T2SC2412K-S-P TR 2SC2412K-T-96-S  
T2SC2812-L6-P TR 2SC2812-L6-TB  
T2SC2812-L7-P TR 2SC2812-L7-TB  
T2SC2812N-L6P TR 2SC2812N-L6-TB  
T2SC3928A1R-P TR 2SC3928A1R  
T2SC3928A1S-P TR 2SC3928A1S

Q5804 T2SA1037AK-RP TR 2SA1037AK T146 R  
T2SA1037AK-SP TR 2SA1037AK T146 S  
T2SA1235A1E-P TR 2SA1235A1E  
T2SA1235A1F-P TR 2SA1235A1F  
TISA1235AC1EP TR ISA1235AC1E  
TISA1235AC1FP TR ISA1235AC1F

Q5805 T2SA1037AK-RP TR 2SA1037AK T146 R  
T2SA1037AK-SP TR 2SA1037AK T146 S  
T2SA1235A1E-P TR 2SA1235A1E  
T2SA1235A1F-P TR 2SA1235A1F  
TISA1235AC1EP TR ISA1235AC1E  
TISA1235AC1FP TR ISA1235AC1F

Schematic Location	Part No.	Description
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Q5806 T2SA1037AK-RP TR 2SA1037AK T146 R  
T2SA1037AK-SP TR 2SA1037AK T146 S  
T2SA1235A1E-P TR 2SA1235A1E  
T2SA1235A1F-P TR 2SA1235A1F  
TISA1235AC1EP TR ISA1235AC1E  
TISA1235AC1FP TR ISA1235AC1F

Q5901 T2SC2412K-R-P TR 2SC2412K-T-96-R  
T2SC2412K-S-P TR 2SC2412K-T-96-S  
T2SC2812-L6-P TR 2SC2812-L6-TB  
T2SC2812-L7-P TR 2SC2812-L7-TB  
T2SC2812N-L6P TR 2SC2812N-L6-TB  
T2SC3928A1R-P TR 2SC3928A1R  
T2SC3928A1S-P TR 2SC3928A1S

Q5902 T2SC2412K-R-P TR 2SC2412K-T-96-R  
T2SC2412K-S-P TR 2SC2412K-T-96-S  
T2SC2812-L6-P TR 2SC2812-L6-TB  
T2SC2812-L7-P TR 2SC2812-L7-TB  
T2SC2812N-L6P TR 2SC2812N-L6-TB  
T2SC3928A1R-P TR 2SC3928A1R  
T2SC3928A1S-P TR 2SC3928A1S

Q6333 T2SA1037AK-RP TR 2SA1037AK T146 R  
T2SA1037AK-SP TR 2SA1037AK T146 S  
T2SA1235A1E-P TR 2SA1235A1E  
T2SA1235A1F-P TR 2SA1235A1F  
TISA1235AC1EP TR ISA1235AC1E  
TISA1235AC1FP TR ISA1235AC1F

Q6350 T2SC2412K-R-P TR 2SC2412K-T-96-R  
T2SC2412K-S-P TR 2SC2412K-T-96-S  
T2SC2812-L6-P TR 2SC2812-L6-TB  
T2SC2812-L7-P TR 2SC2812-L7-TB  
T2SC2812N-L6P TR 2SC2812N-L6-TB  
T2SC3928A1R-P TR 2SC3928A1R  
T2SC3928A1S-P TR 2SC3928A1S

Q6351 T2SC2412K-R-P TR 2SC2412K-T-96-R  
T2SC2412K-S-P TR 2SC2412K-T-96-S  
T2SC2812-L6-P TR 2SC2812-L6-TB  
T2SC2812-L7-P TR 2SC2812-L7-TB  
T2SC2812N-L6P TR 2SC2812N-L6-TB  
T2SC3928A1R-P TR 2SC3928A1R  
T2SC3928A1S-P TR 2SC3928A1S

Q6360 TMCH6306---P TR MCH6306-TL  
Q6510 TXAVB021---K TR UPA672T-T1-A  
Q6600 TXAVB021---K TR UPA672T-T1-A

## RESISTORS

R001	RGF1801JTCANL	MT-GLAZE	1.8K JA 1/10W
R002	RGF1801JTCANL	MT-GLAZE	1.8K JA 1/10W
R003	RGF1801JTCANL	MT-GLAZE	1.8K JA 1/10W
R004	RGF1801JTCANL	MT-GLAZE	1.8K JA 1/10W
R007	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R801	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R802	RGF4700JTCANL	MT-GLAZE	470 JA 1/10W
R803	RGF2202JTCANL	MT-GLAZE	22K JA 1/10W
R804	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W
R805	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W
R806	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W

<b>Schematic Location</b>	<b>Part No.</b>	<b>Description</b>		<b>Schematic Location</b>	<b>Part No.</b>	<b>Description</b>	
R807	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W	R891	RGF4702JTCANL	MT-GLAZE	47K JA 1/10W
R808	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W	R892	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R809	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W	R893	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R810	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W	R894	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W
R811	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W	R897	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R812	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W	R900	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W
R813	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W	R901	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W
R814	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W	R902	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W
R815	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W	R904	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W
R817	RGF1004JTCANL	MT-GLAZE	1M JA 1/10W	R905	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W
R818	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W	R906	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R820	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W	R907	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R821	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W	R908	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R823	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W	R909	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R824	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W	R910	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R828	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W	R911	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R829	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W	R912	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W
R830	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W	R913	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W
R831	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W	R914	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R832	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W	R915	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W
R833	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W	R916	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W
R834	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W	R917	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R835	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W	R918	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R836	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W	R1000	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R839	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W	R1002	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R840	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W	R1004	RGF2200JTCANL	MT-GLAZE	220 JA 1/10W
R841	RGF1003JTCANL	MT-GLAZE	100K JA 1/10W	R1005	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R842	RGF1003JTCANL	MT-GLAZE	100K JA 1/10W	R1007	RGF1503JTCANL	MT-GLAZE	150K JA 1/10W
R843	RGF1003JTCANL	MT-GLAZE	100K JA 1/10W	R1008	RGF2203JTCANL	MT-GLAZE	220K JA 1/10W
R844	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W	R1009	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W
R847	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W	R1010	RGF3303JTCANL	MT-GLAZE	330K JA 1/10W
R848	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W	R1011	RGF1503JTCANL	MT-GLAZE	150K JA 1/10W
R850	RGF4702JTCANL	MT-GLAZE	47K JA 1/10W	R1012	RGF2203JTCANL	MT-GLAZE	220K JA 1/10W
R851	RGF4702JTCANL	MT-GLAZE	47K JA 1/10W	R1013	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W
R855	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W	R1014	RGF3303JTCANL	MT-GLAZE	330K JA 1/10W
R856	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W	R1019	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R857	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W	R1021	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R860	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W	R1025	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R866	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W	R1031	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R867	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W	R1037	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R869	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W	R1043	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R870	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W	R1049	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R871	RGF1003JTCANL	MT-GLAZE	100K JA 1/10W	R1051	RGF4700JTCANL	MT-GLAZE	470 JA 1/10W
R873	RGF4703JTCANL	MT-GLAZE	470K JA 1/10W	R1052	RGF1001JTCANL	MT-GLAZE	1K JA 1/10W
R875	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W	R1053	RGF1003JTCANL	MT-GLAZE	100K JA 1/10W
R876	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W	R1054	RGF4700JTCANL	MT-GLAZE	470 JA 1/10W
R879	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W	R1055	RGF1001JTCANL	MT-GLAZE	1K JA 1/10W
R880	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W	R1056	RGF1003JTCANL	MT-GLAZE	100K JA 1/10W
R881	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W	R1057	RGF1503JTCANL	MT-GLAZE	150K JA 1/10W
R882	RGF3300JTCANL	MT-GLAZE	330 JA 1/10W	R1058	RGF2203JTCANL	MT-GLAZE	220K JA 1/10W
R883	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W	R1059	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W
R884	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W	R1060	RGF3303JTCANL	MT-GLAZE	330K JA 1/10W
R886	RGF1001JTCANL	MT-GLAZE	1K JA 1/10W	R1061	RGF1503JTCANL	MT-GLAZE	150K JA 1/10W
R887	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W	R1062	RGF2203JTCANL	MT-GLAZE	220K JA 1/10W
R888	RGF4702JTCANL	MT-GLAZE	47K JA 1/10W	R1063	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W
R889	RGF2202JTCANL	MT-GLAZE	22K JA 1/10W	R1064	RGF3303JTCANL	MT-GLAZE	330K JA 1/10W

Schematic Location	Part No.	Description	
R1065	RGF1503JTCANL	MT-GLAZE	150K JA 1/10W
R1066	RGF2203JTCANL	MT-GLAZE	220K JA 1/10W
R1067	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W
R1068	RGF3303JTCANL	MT-GLAZE	330K JA 1/10W
R1069	RGF1503JTCANL	MT-GLAZE	150K JA 1/10W
R1070	RGF2203JTCANL	MT-GLAZE	220K JA 1/10W
R1071	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W
R1072	RGF3303JTCANL	MT-GLAZE	330K JA 1/10W
R1073	RGF75R0JTCANL	MT-GLAZE	75 JA 1/10W
R1074	RGF82R0JTCANL	MT-GLAZE	82 JA 1/10W
R1075	RGF82R0JTCANL	MT-GLAZE	82 JA 1/10W
R1201	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R1202	RGF2201JTCANL	MT-GLAZE	2.2K JA 1/10W
R1203	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R1204	RGF2201JTCANL	MT-GLAZE	2.2K JA 1/10W
R1205	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R1206	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R1207	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W
R1208	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W
R1209	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W
R1210	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W
R1230	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W
R1231	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W
R1232	RGF1503JTCANL	MT-GLAZE	150K JA 1/10W
R1233	RGF2203JTCANL	MT-GLAZE	220K JA 1/10W
R1235	RGF3303JTCANL	MT-GLAZE	330K JA 1/10W
R1236	RGF3303JTCANL	MT-GLAZE	330K JA 1/10W
R1237	RGF1503JTCANL	MT-GLAZE	150K JA 1/10W
R1238	RGF2203JTCANL	MT-GLAZE	220K JA 1/10W
R1244	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R1245	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R1259	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R1260	RGF1001JTCANL	MT-GLAZE	1K JA 1/10W
R1261	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R1262	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R1263	RGF1001JTCANL	MT-GLAZE	1K JA 1/10W
R1264	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R1265	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R1266	RGF75R0JTCANL	MT-GLAZE	75 JA 1/10W
R1267	RGF75R0JTCANL	MT-GLAZE	75 JA 1/10W
R1268	RGF15R0JTCANL	MT-GLAZE	15 JA 1/10W
R1269	RGF15R0JTCANL	MT-GLAZE	15 JA 1/10W
R1270	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R1271	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R1272	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R1273	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W
R1274	RGF15R0JTCANL	MT-GLAZE	15 JA 1/10W
R1275	RGF15R0JTCANL	MT-GLAZE	15 JA 1/10W
R1276	RGF15R0JTCANL	MT-GLAZE	15 JA 1/10W
R1277	RGF15R0JTCANL	MT-GLAZE	15 JA 1/10W
R1278	RGF75R0JTCANL	MT-GLAZE	75 JA 1/10W
R1279	RGF75R0JTCANL	MT-GLAZE	75 JA 1/10W
R1280	RGF75R0JTCANL	MT-GLAZE	75 JA 1/10W
R1281	RGF75R0JTCANL	MT-GLAZE	75 JA 1/10W
R1282	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W
R1283	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W

Schematic Location	Part No.	Description	
R1284	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R1285	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R1286	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R1287	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R1288	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W
R1289	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W
R1291	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R1294	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W
R1297	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R1300	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R1301	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R1302	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R1303	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R1304	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R1305	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R1306	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R1603	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R1611	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W
R1612	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W
R1613	RGF2202JTCANL	MT-GLAZE	22K JA 1/10W
R1614	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W
R1615	RGF2202JTCANL	MT-GLAZE	22K JA 1/10W
R1616	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W
R1617	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W
R1618	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W
R1619	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W
R1620	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W
R1621	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W
R1622	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W
R1623	RN1R005JTFANL	MT-FILM	0.005 JA 1W
R1624	RN1R005JTFANL	MT-FILM	0.005 JA 1W
R1625	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R1626	RGF1201FTCANL	MT-GLAZE	1.2K FA 1/10
R1628	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R1629	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R1630	RGF1002FTCANL	MT-GLAZE	10K FA 1/10W
R1631	RGF1002FTCANL	MT-GLAZE	10K FA 1/10W
R1632	RGF8200FTCANL	MT-GLAZE	820 FA 1/10
R1633	RGF4701FTCANL	MT-GLAZE	4.7K FA 1/10W
R1653	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W
R1654	RGF1003JTCANL	MT-GLAZE	100K JA 1/10W
R1655	RGF1002FTCANL	MT-GLAZE	10K FA 1/10W
R1660	RGF9101JTCANL	MT-GLAZE	9.1K JA 1/10W
R1661	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R1662	RGF1501FTCANL	MT-GLAZE	1.5K FA 1/10W
R1663	RGF1501FTCANL	MT-GLAZE	1.5K FA 1/10W
R1664	RGF1001FTCANL	MT-GLAZE	1K FA 1/10W
R1665	RGF1002FTCANL	MT-GLAZE	10K FA 1/10W
R1666	RGF4702FTCANL	MT-GLAZE	47K FA 1/10W
R1669	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R1671	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W
R1672	RGF6801FTCANL	MT-GLAZE	6.8K FA 1/10W
R1673	RGF5602FTCANL	MT-GLAZE	56K FA 1/10W
R1674	RGF1002FTCANL	MT-GLAZE	10K FA 1/10W
R1681	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W
R1682	RGF1501FTCANL	MT-GLAZE	1.5K FA 1/10W

Schematic Location	Part No.	Description		Schematic Location	Part No.	Description	
R1683	RGF1501FTCANL	MT-GLAZE	1.5K FA 1/10W	R5521	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W
R1684	RGF1001FTCANL	MT-GLAZE	1K FA 1/10W	R5522	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W
R1685	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W	R5523	RGF8200FTCANL	MT-GLAZE	820 FA 1/10
R1691	RGF2702JTCANL	MT-GLAZE	27K JA 1/10W	R5524	RGF5600JTCANL	MT-GLAZE	560 JA 1/10W
R1692	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W	R5525	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W
R1694	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W	R5526	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W
R1696	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W	R5527	RGF27R0JTCANL	MT-GLAZE	27 JA 1/10W
R1703	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W	R5530	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R1704	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W	R5531	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R1705	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W	R5533	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R1706	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W	R5535	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W
R1707	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W	R5538	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R1708	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W	R5539	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R1901	RGF1801JTCANL	MT-GLAZE	1.8K JA 1/10W	R5541	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R1902	RGF2201JTCANL	MT-GLAZE	2.2K JA 1/10W	R5542	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R1903	RGF3901JTCANL	MT-GLAZE	3.9K JA 1/10W	R5543	RGF3900FTCANL	MT-GLAZE	390 FA 1/10W
R1904	RGF5601JTCANL	MT-GLAZE	5.6K JA 1/10W	R5544	RGF3900FTCANL	MT-GLAZE	390 FA 1/10W
R1905	RGF1001JTCANL	MT-GLAZE	1K JA 1/10W	R5545	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R1906	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W	R5547	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R1907	RGF1001JTCANL	MT-GLAZE	1K JA 1/10W	R5548	RGF1004JTCANL	MT-GLAZE	1M JA 1/10W
R1908	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W	R5549	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R1909	RGF2200JTCANL	MT-GLAZE	220 JA 1/10W	R5550	RGF47R0JTCANL	MT-GLAZE	47 JA 1/10W
R1910	RGF2200JTCANL	MT-GLAZE	220 JA 1/10W	R5551	RGF47R0JTCANL	MT-GLAZE	47 JA 1/10W
R1911	RGF1001JTCANL	MT-GLAZE	1K JA 1/10W	R5552	RGF47R0JTCANL	MT-GLAZE	47 JA 1/10W
R2400	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W	R5553	RGF3300JTCANL	MT-GLAZE	330 JA 1/10W
R2401	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W	R5554	RGF1001JTCANL	MT-GLAZE	1K JA 1/10W
R2402	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W	R5555	RGF5601JTCANL	MT-GLAZE	5.6K JA 1/10W
R2403	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W	R5556	RGF6202JTCANL	MT-GLAZE	62K JA 1/10W
R2404	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W	R5557	RGF18R0JTCANL	MT-GLAZE	18 JA 1/10W
R2405	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W	R5558	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R2406	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W	R5559	RGF75R0JTCANL	MT-GLAZE	75 JA 1/10W
R2407	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W	R5560	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R2408	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W	R5561	RGF75R0JTCANL	MT-GLAZE	75 JA 1/10W
R2409	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W	R5562	RGF47R0JTCANL	MT-GLAZE	47 JA 1/10W
R2410	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W	R5563	RGF75R0JTCANL	MT-GLAZE	75 JA 1/10W
R2412	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W	R5564	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W
R2413	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W	R5565	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R2414	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W	R5566	RGF75R0JTCANL	MT-GLAZE	75 JA 1/10W
R2415	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W	R5568	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W
R2416	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W	R5569	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R2417	RGF22R0JTCANL	MT-GLAZE	22 JA 1/10W	R5572	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R2418	RGF22R0JTCANL	MT-GLAZE	22 JA 1/10W	R5574	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W
R2419	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W	R5576	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R2420	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W	R5579	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W
R2421	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W	R5580	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R3200	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W	R5581	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R3201	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W	R5582	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R5505	RGF3301JTCANL	MT-GLAZE	3.3K JA 1/10W	R5583	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R5507	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W	R5586	RGF47R0JTCANL	MT-GLAZE	47 JA 1/10W
R5509	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W	R5587	RGF47R0JTCANL	MT-GLAZE	47 JA 1/10W
R5514	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W	R5588	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R5515	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W	R5589	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R5517	RGF4700JTCANL	MT-GLAZE	470 JA 1/10W	R5590	RGF5601JTCANL	MT-GLAZE	5.6K JA 1/10W
R5518	RGF56R0JTCANL	MT-GLAZE	56 JA 1/10W	R5591	RGF1001JTCANL	MT-GLAZE	1K JA 1/10W
R5519	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W	R5592	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R5520	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W	R5593	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W

Schematic Location	Part No.	Description	
R5595	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R5596	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R5597	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R5598	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R5599	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R5600	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R5601	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R5602	RGF47R0JTCANL	MT-GLAZE	47 JA 1/10W
R5603	RGF47R0JTCANL	MT-GLAZE	47 JA 1/10W
R5604	RGF47R0JTCANL	MT-GLAZE	47 JA 1/10W
R5605	RGF47R0JTCANL	MT-GLAZE	47 JA 1/10W
R5606	RGF47R0JTCANL	MT-GLAZE	47 JA 1/10W
R5607	RGF47R0JTCANL	MT-GLAZE	47 JA 1/10W
R5608	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R5611	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R5613	RGF2201JTCANL	MT-GLAZE	2.2K JA 1/10W
R5614	RGF2202JTCANL	MT-GLAZE	22K JA 1/10W
R5615	RGF2201JTCANL	MT-GLAZE	2.2K JA 1/10W
R5617	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R5618	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W
R5619	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R5622	RGF47R0JTCANL	MT-GLAZE	47 JA 1/10W
R5625	RGF3301FTCANL	MT-GLAZE	3.3K FA 1/10W
R5626	RGF8200FTCANL	MT-GLAZE	820 FA 1/10
R5628	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R5629	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R5632	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R5634	RGF2200JTCANL	MT-GLAZE	220 JA 1/10W
R5700	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W
R5750	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R5751	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R5800	RGF75R0JTCANL	MT-GLAZE	75 JA 1/10W
R5801	RGF75R0JTCANL	MT-GLAZE	75 JA 1/10W
R5802	RGF75R0JTCANL	MT-GLAZE	75 JA 1/10W
R5803	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W
R5804	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W
R5805	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W
R5806	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W
R5807	RGF1000JTCANL	MT-GLAZE	100 JA 1/10W
R5808	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W
R5809	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W
R5810	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W
R5811	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W
R5816	RGF1001JTCANL	MT-GLAZE	1K JA 1/10W
R5817	RGF1001JTCANL	MT-GLAZE	1K JA 1/10W
R5818	RGF1001JTCANL	MT-GLAZE	1K JA 1/10W
R5820	RGF6800JTCANL	MT-GLAZE	680 JA 1/10W
R5821	RGF6800JTCANL	MT-GLAZE	680 JA 1/10W
R5822	RGF6800JTCANL	MT-GLAZE	680 JA 1/10W
R5824	RGF6800JTCANL	MT-GLAZE	680 JA 1/10W
R5826	RGF6800JTCANL	MT-GLAZE	680 JA 1/10W
R5828	RGF6800JTCANL	MT-GLAZE	680 JA 1/10W
R5836	RGF6800JTCANL	MT-GLAZE	680 JA 1/10W
R5837	RGF6800JTCANL	MT-GLAZE	680 JA 1/10W
R5838	RGF6800JTCANL	MT-GLAZE	680 JA 1/10W
R5840	RGF47R0JTCANL	MT-GLAZE	47 JA 1/10W

Schematic Location	Part No.	Description	
R5842	RGF47R0JTCANL	MT-GLAZE	47 JA 1/10W
R5843	RGF47R0JTCANL	MT-GLAZE	47 JA 1/10W
R5901	RGF1202JTCANL	MT-GLAZE	12K JA 1/10W
R5902	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W
R5903	RGF4702JTCANL	MT-GLAZE	47K JA 1/10W
R5904	RGF4702JTCANL	MT-GLAZE	47K JA 1/10W
R5905	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R5906	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W
R5907	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W
R5908	RGF2202JTCANL	MT-GLAZE	22K JA 1/10W
R5953	RGF1001JTCANL	MT-GLAZE	1K JA 1/10W
R5954	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R5955	RGF1001JTCANL	MT-GLAZE	1K JA 1/10W
R5956	RGF1001JTCANL	MT-GLAZE	1K JA 1/10W
R5957	RGF1001JTCANL	MT-GLAZE	1K JA 1/10W
R5958	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R5971	RGF4R70JTCANL	MT-GLAZE	4.7 JA 1/10W
R5972	RGF4R70JTCANL	MT-GLAZE	4.7 JA 1/10W
R5973	RGF1502JTCANL	MT-GLAZE	15K JA 1/10W
R5974	RGF1001JTCANL	MT-GLAZE	1K JA 1/10W
R5975	RGF1001JTCANL	MT-GLAZE	1K JA 1/10W
R5977	RGF1502JTCANL	MT-GLAZE	15K JA 1/10W
R6050	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R6051	RGF5600FTCANL	MT-GLAZE	560 FA 1/10W
R6052	RGF1501FTCANL	MT-GLAZE	1.5K FA 1/10W
R6053	RGF1201FTCANL	MT-GLAZE	1.2K FA 1/10
R6054	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R6055	RGF1001FTCANL	MT-GLAZE	1K FA 1/10W
R6056	RGF75R0FTCANL	MT-GLAZE	75 FA 1/10W
R6057	RGF1501FTCANL	MT-GLAZE	1.5K FA 1/10W
R6060	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R6061	RGF1001FTCANL	MT-GLAZE	1K FA 1/10W
R6062	RGF1200FTCANL	MT-GLAZE	120 FA 1/10W
R6063	RGF1001FTCANL	MT-GLAZE	1K FA 1/10W
R6111	RGF1001JTCANL	MT-GLAZE	1K JA 1/10W
R6112	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R6201	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R6203	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R6205	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R6214	RGF5600JTCANL	MT-GLAZE	560 JA 1/10W
R6215	RGF5600JTCANL	MT-GLAZE	560 JA 1/10W
R6222	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R6223	RGF22R0JTCANL	MT-GLAZE	22 JA 1/10W
R6224	RGF22R0JTCANL	MT-GLAZE	22 JA 1/10W
R6225	RGF22R0JTCANL	MT-GLAZE	22 JA 1/10W
R6271	RGF22R0JTCANL	MT-GLAZE	22 JA 1/10W
R6272	RGF22R0JTCANL	MT-GLAZE	22 JA 1/10W
R6273	RGF22R0JTCANL	MT-GLAZE	22 JA 1/10W
R6278	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R6280	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R6281	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R6282	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W
R6283	RGF3301JTCANL	MT-GLAZE	3.3K JA 1/10W
R6284	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W
R6286	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W
R6330	RGF1001JTCANL	MT-GLAZE	1K JA 1/10W

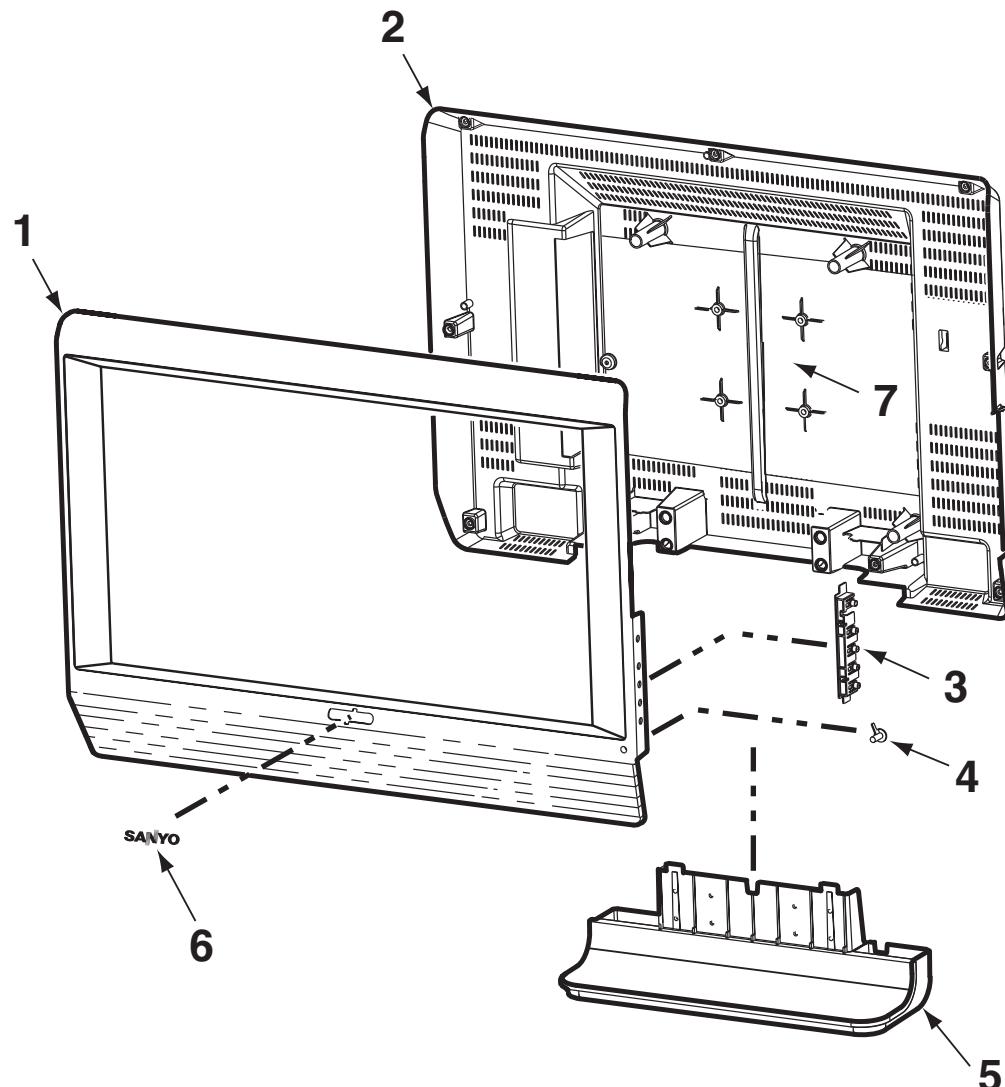
Schematic Location	Part No.	Description	
R6332	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R6334	RGF4701JTCANL	MT-GLAZE	4.7K JA 1/10W
R6336	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R6338	RGF3300JTCANL	MT-GLAZE	330 JA 1/10W
R6339	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R6353	RGF2701JTCANL	MT-GLAZE	2.7K JA 1/10W
R6358	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R6359	RGF4700JTCANL	MT-GLAZE	470 JA 1/10W
R6360	RGF4700JTCANL	MT-GLAZE	470 JA 1/10W
R6361	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R6363	RGF2701JTCANL	MT-GLAZE	2.7K JA 1/10W
R6372	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R6373	RGF3902JTCANL	MT-GLAZE	39K JA 1/10W
R6374	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W
R6375	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W
R6376	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W
R6500	RGF2201JTCANL	MT-GLAZE	2.2K JA 1/10W
R6503	RGF2202JTCANL	MT-GLAZE	22K JA 1/10W
R6504	RGF2202JTCANL	MT-GLAZE	22K JA 1/10W
R6506	RGF47R0JTCANL	MT-GLAZE	47 JA 1/10W
R6507	RGF47R0JTCANL	MT-GLAZE	47 JA 1/10W
R6509	RGF2201JTCANL	MT-GLAZE	2.2K JA 1/10W
R6513	RGF4702JTCANL	MT-GLAZE	47K JA 1/10W
R6516	RGF4702JTCANL	MT-GLAZE	47K JA 1/10W
R6522	RGF1001JTCANL	MT-GLAZE	1K JA 1/10W
R6523	RGF1001JTCANL	MT-GLAZE	1K JA 1/10W
R6525	RGF4702JTCANL	MT-GLAZE	47K JA 1/10W
R6527	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W
R6528	RGF4702JTCANL	MT-GLAZE	47K JA 1/10W
R6530	RGF1002JTCANL	MT-GLAZE	10K JA 1/10W
R6531	RGFR000ZTCANL	MT-GLAZE	0.000 ZA 1/10W
R6534	RGF4R70JTCANL	MT-GLAZE	4.7 JA 1/10W
R6535	RGF4R70JTCANL	MT-GLAZE	4.7 JA 1/10W
R6536	RGF4R70JTCANL	MT-GLAZE	4.7 JA 1/10W
R6537	RGF4R70JTCANL	MT-GLAZE	4.7 JA 1/10W
R6538	RGF4R70JTCANL	MT-GLAZE	4.7 JA 1/10W
R6539	RGF4R70JTCANL	MT-GLAZE	4.7 JA 1/10W
R6540	RGF4R70JTCANL	MT-GLAZE	4.7 JA 1/10W
R6541	RGF4R70JTCANL	MT-GLAZE	4.7 JA 1/10W
R6543	RGF47R0JTCANL	MT-GLAZE	47 JA 1/10W
R6544	RGF47R0JTCANL	MT-GLAZE	47 JA 1/10W
R6545	RGF1001JTCANL	MT-GLAZE	1K JA 1/10W
R6546	RGF4R70JTCANL	MT-GLAZE	4.7 JA 1/10W
R6547	RGF4R70JTCANL	MT-GLAZE	4.7 JA 1/10W
R6548	RGF4R70JTCANL	MT-GLAZE	4.7 JA 1/10W
R6549	RGF4R70JTCANL	MT-GLAZE	4.7 JA 1/10W
R6550	RGF4R70JTCANL	MT-GLAZE	4.7 JA 1/10W
R6551	RGF4R70JTCANL	MT-GLAZE	4.7 JA 1/10W
R6552	RGF4R70JTCANL	MT-GLAZE	4.7 JA 1/10W
R6553	RGF4R70JTCANL	MT-GLAZE	4.7 JA 1/10W
R6555	RGF47R0JTCANL	MT-GLAZE	47 JA 1/10W
R6556	RGF47R0JTCANL	MT-GLAZE	47 JA 1/10W
R6557	RGF1001JTCANL	MT-GLAZE	1K JA 1/10W
R6624	RGF2201JTCANL	MT-GLAZE	2.2K JA 1/10W
R6627	RGF2201JTCANL	MT-GLAZE	2.2K JA 1/10W
RB6350	1AV4R1D30R04G	R-NETWORK 0X4 1/32W	

Schematic Location	Part No.	Description
RB6352	1AV4R1D30R04G	R-NETWORK 0X4 1/32W
<b>SWITCHES</b>		
SW1901	1AV4S10B0722J	SWITCH, PUSH
SW1902	1AV4S10B0722J	SWITCH, PUSH
SW1903	1AV4S10B0722J	SWITCH, PUSH
SW1904	1AV4S10B0722J	SWITCH, PUSH
SW1905	1AV4S10B0722J	SWITCH, PUSH
<b>CRYSTAL / FILTERS</b>		
X801	1AV4V11B1771G	OSC, CERAMIC 8.00MHZ
X5500	1AV4V10B8910G	OSC, CRYSTAL 25.000MHZ
<b>MISCELLANEOUS</b>		
A001	1AA0B10N237F0	ASSY, PWB, MAIN_Z-N6DE
A002	1AA0B10N242A0	ASSY, PWB, CONTROL-N6CE
A1901	1AV4U20B98500	UNIT, REMOCON RECEIVER
▲A6100	1AV4F1BAZ0080	TUNER, U/V
▲EL901	1AV4T40B86401	LCD (T315XW02 VC01)
K1003	1LB4J31B01101	TERMINAL, BOARD
K1004	1LB4J12B11700	JACK, RCA-9
K1005	1LB4J12B11600	JACK, RCA-6
K2401	1LB4J12B11900	JACK, PHONE D3.6
K6500	1AV4J11B8591G	SOCKET, IF (HDMI) 19P
K6501	1AV4J11B8591G	SOCKET, IF (HDMI) 19P
SP901	1LB4A10B08800	SPEAKER, 8
SP902	1LB4A10B08800	SPEAKER, 8
▲W901	1AV4W10B19804	CORD, POWER-2.0MK-VTR-02
WK5LV-PN	1LB4W30B13300	CORD 30P, 30P-30P(LVDS)

**POWER BOARD**

▲U901    1AV4U20C17201    UNIT, POWER  
 Non-servicable part. No discreet parts are supplied for this PC board.

# CABINET PARTS LIST



## CABINET PARTS LIST

KEY NO.	PARTS NO.	DESCRIPTION
---------	-----------	-------------

### CABINET PARTS LIST

1	1AA2CAM0639--	CABINET FRONT
2	1AA2CBM0456--	CABINET BACK
3	1AA2BUM0571--	BUTTON UNITED
4	1AA2DEM0468--	DEC IND
5	1AA2SDM0196--	STAND BASE
6	1AV2BAAS016AA	BADGE, SANYO
7	1AA2LDM0006--	LID BACK

## ACCESSORY PARTS LIST

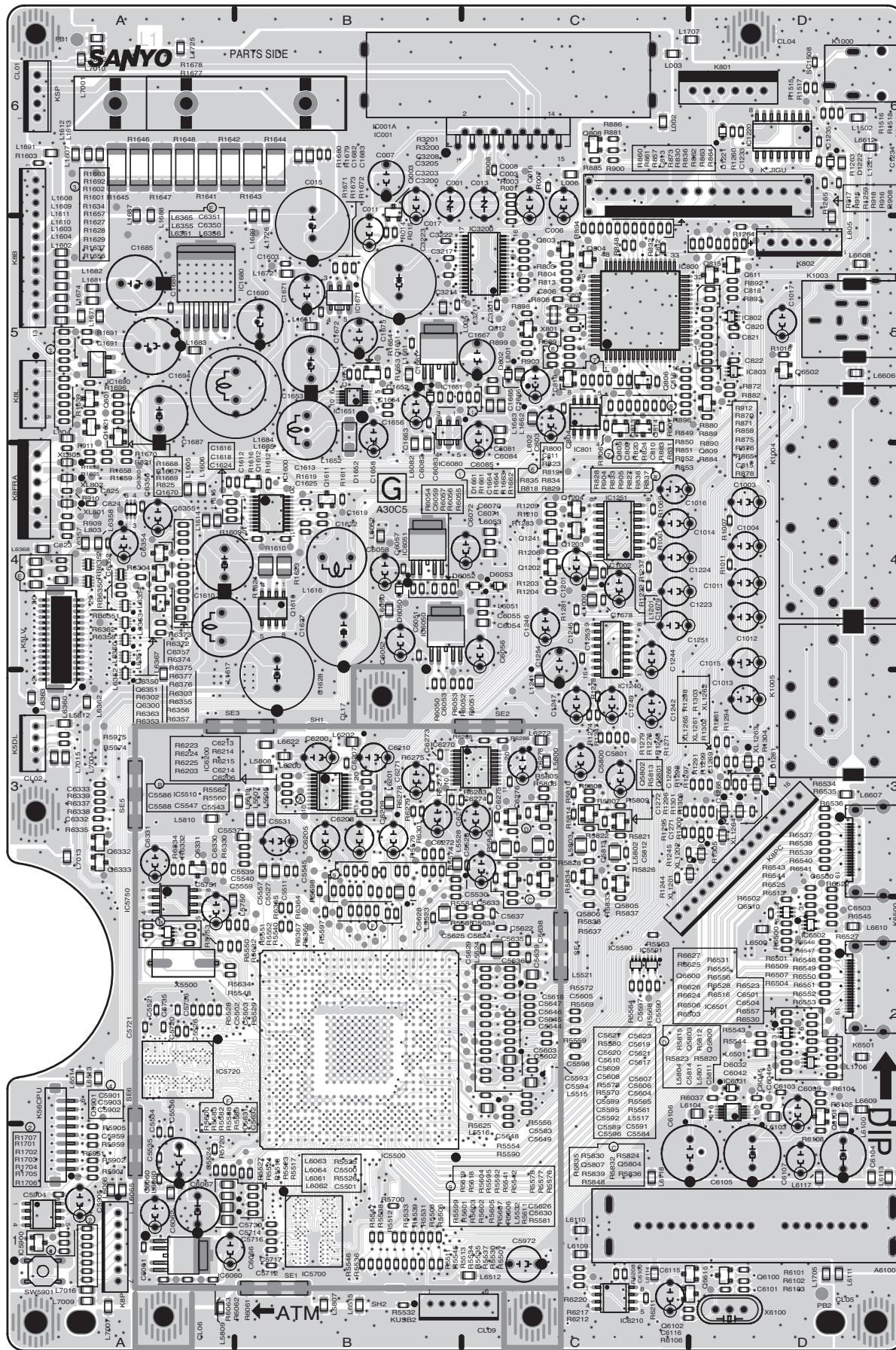
KEY NO.	PARTS NO.	DESCRIPTION
---------	-----------	-------------

### ACCESSORY PARTS LIST

1JC6P1P0302--	OWNER'S MANUAL
1AVOU10B43105	ASSY, REMOCON GXBJ
1AA2RCM0295-A	RC-BATTERY LID-GXBD

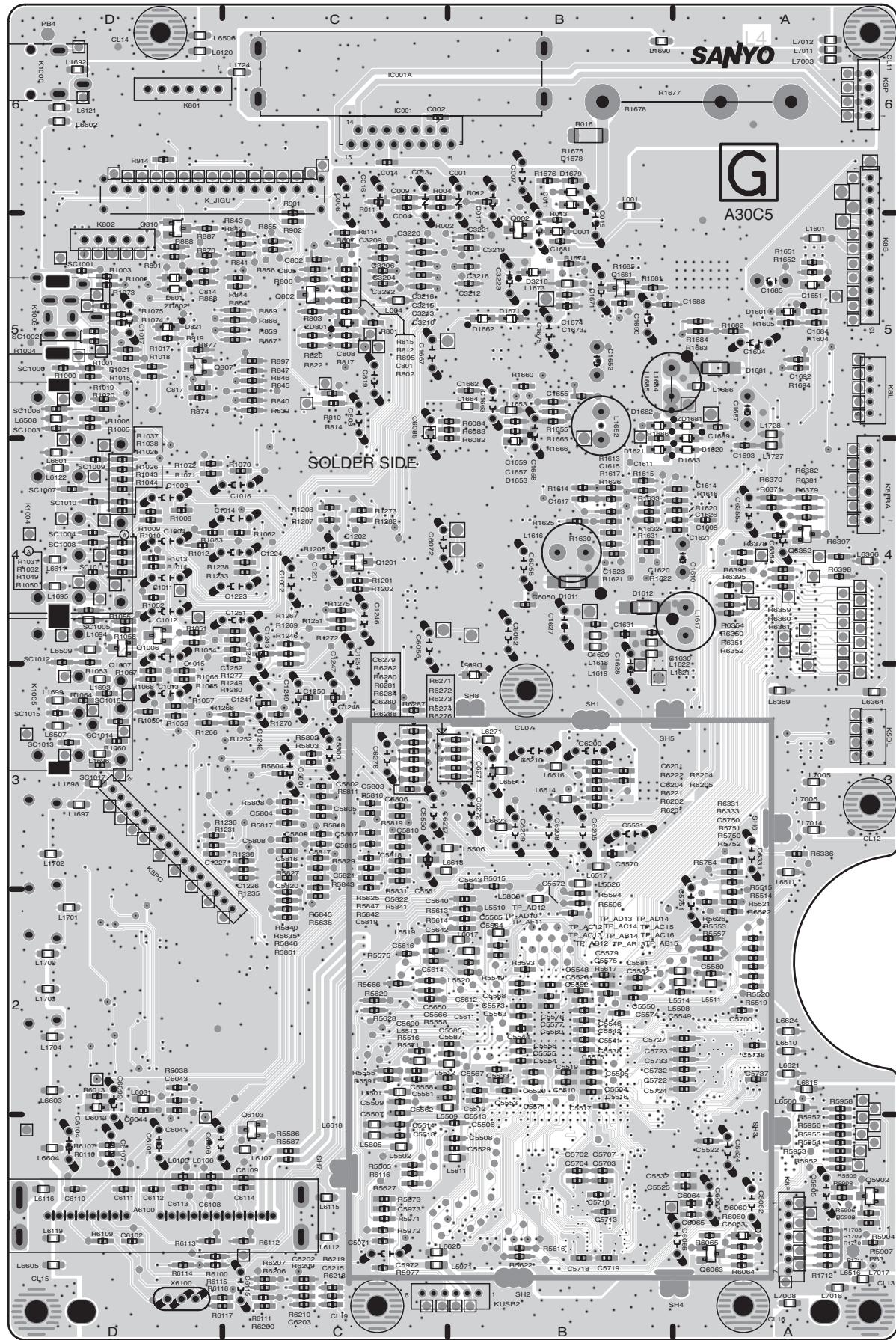
# COMPONENT AND TESTPOINT LOCATIONS

## MAIN BOARD PARTS SIDE

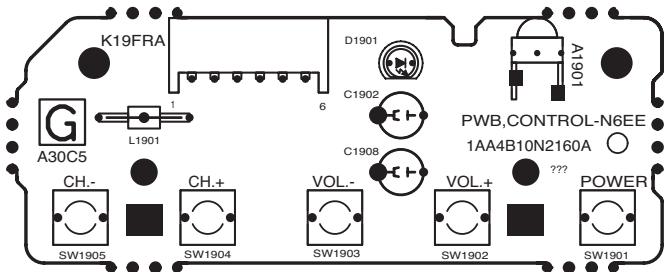


## **COMPONENT AND TESTPOINT LOCATIONS (CONT.)**

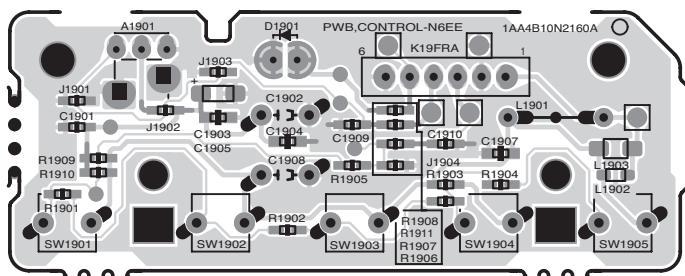
### **MAIN BOARD FOIL SIDE**



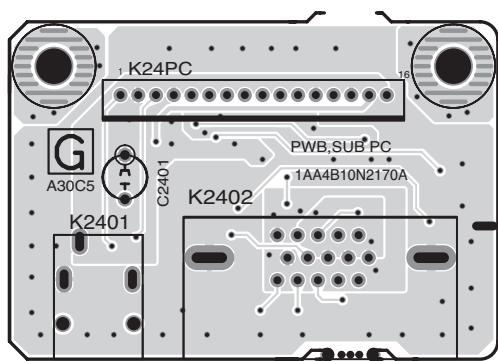
## CONTROL BOARD PART SIDE



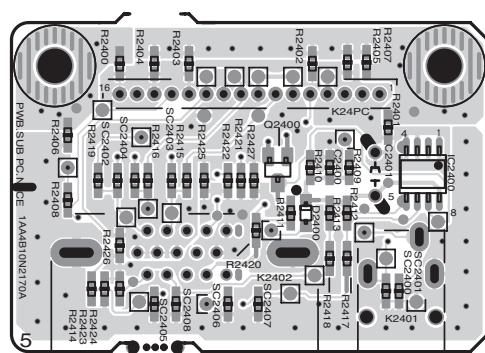
## CONTROL BOARD SOLDER SIDE



## PC BOARD PART SIDE

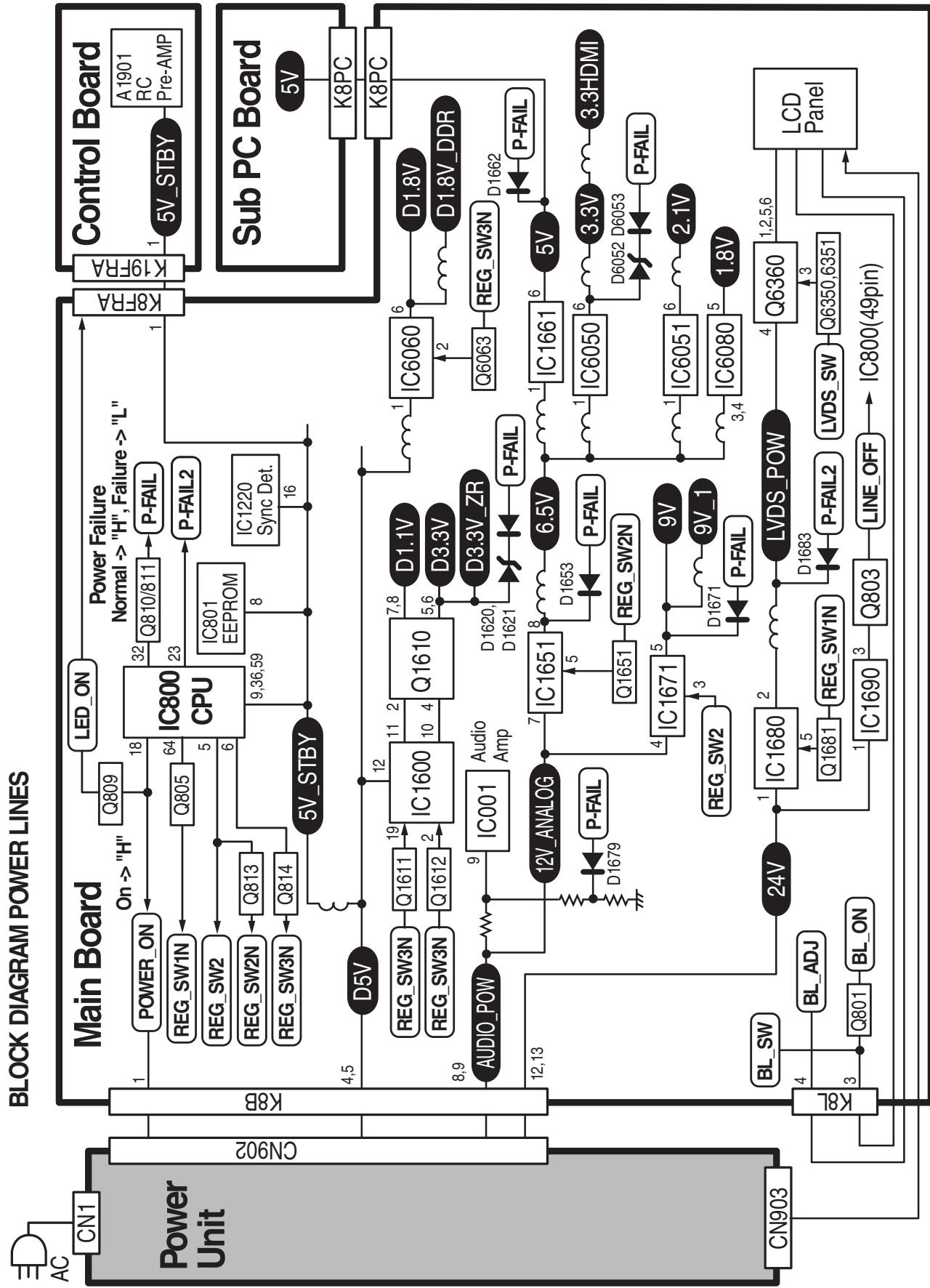


## PC BOARD SOLDER SIDE



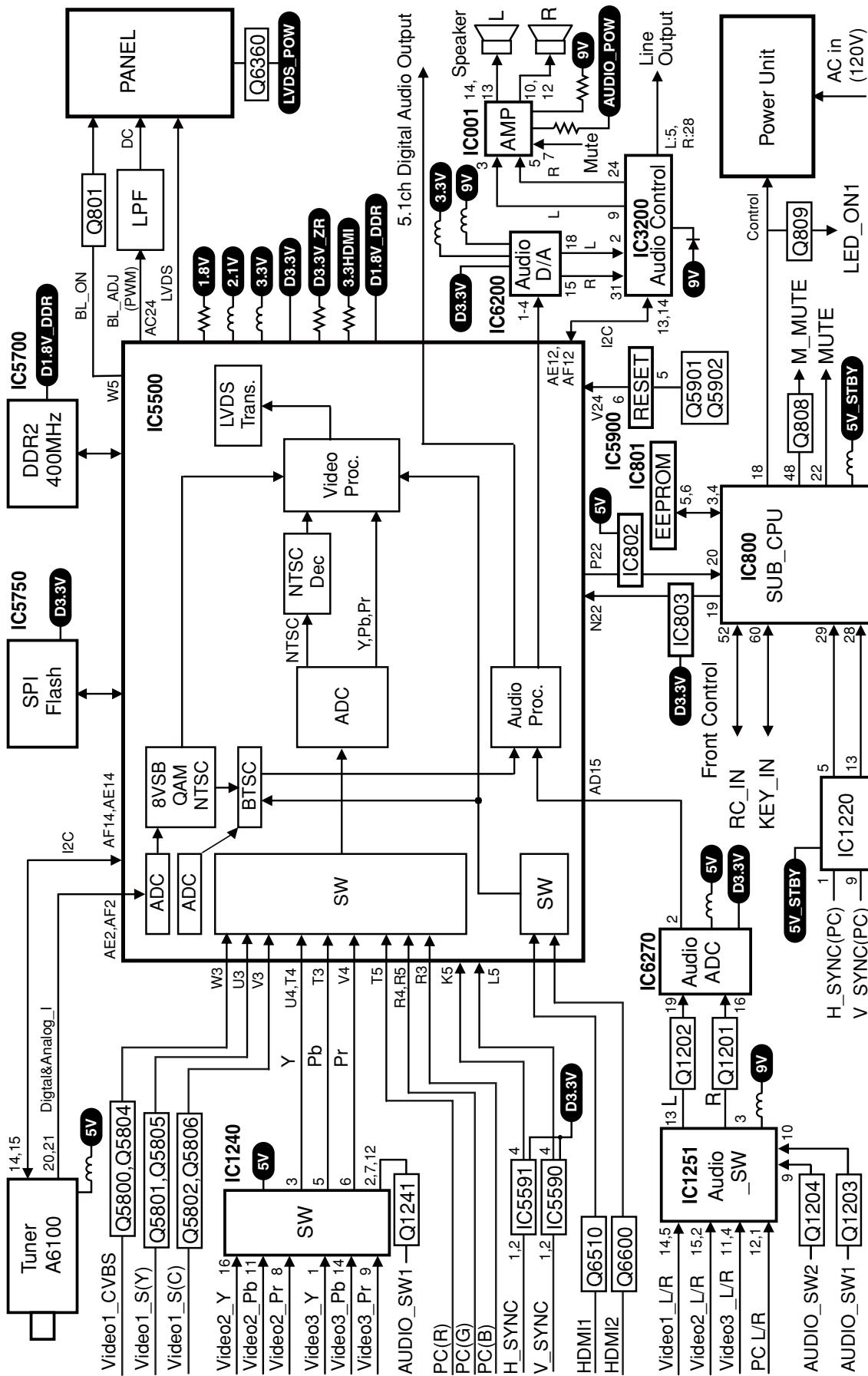
# BLOCK DIAGRAM POWER LINES

BLOCK DIAGRAM POWER LINES



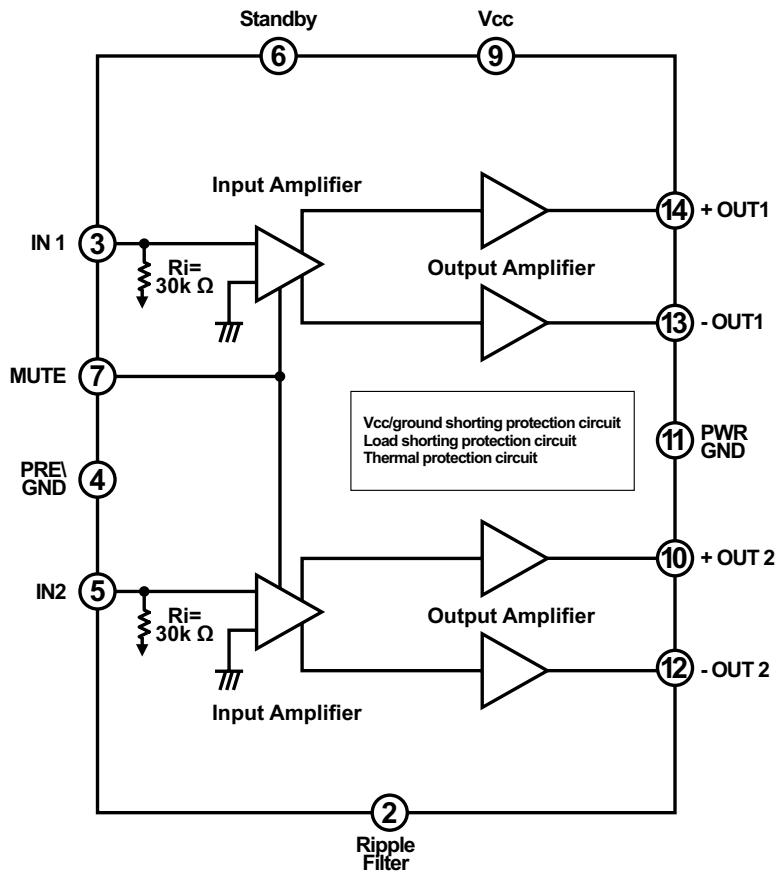
# BLOCK DIAGRAM SIGNAL LINES

## BLOCK DIAGRAM SIGNAL LINES

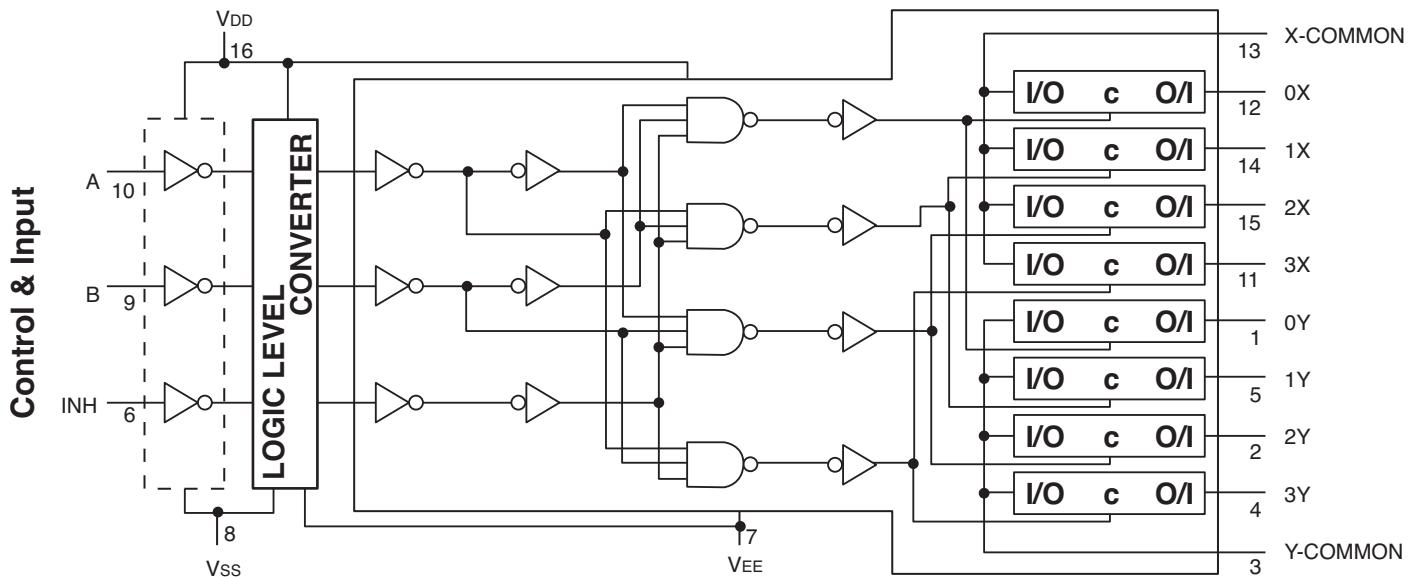


# IC BLOCK DIAGRAMS

## IC001, Audio AMP

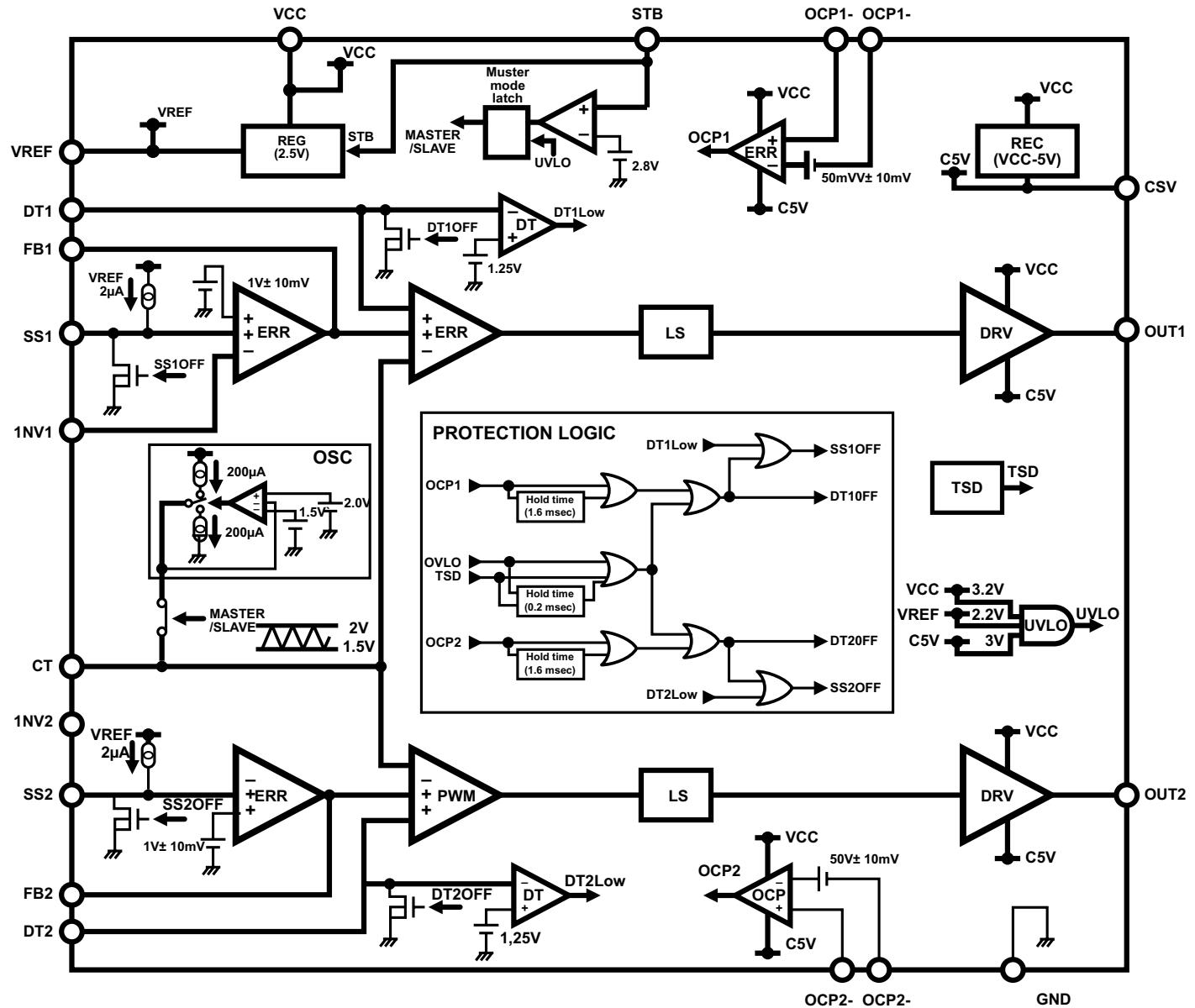


## IC1251 Video and Audio Select

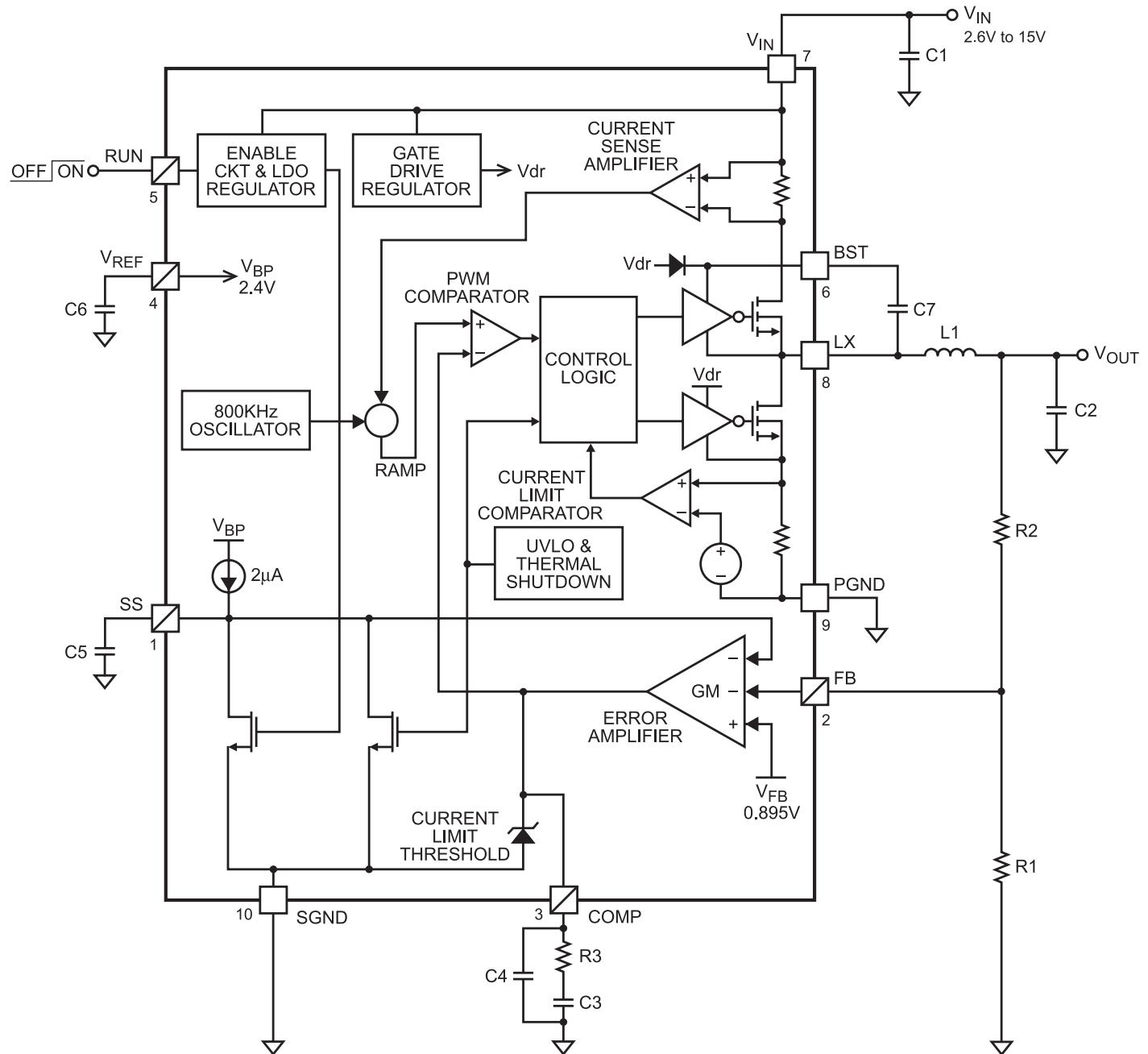


# IC BLOCK DIAGRAMS (CONT.)

## IC1600, DC to DC Converter

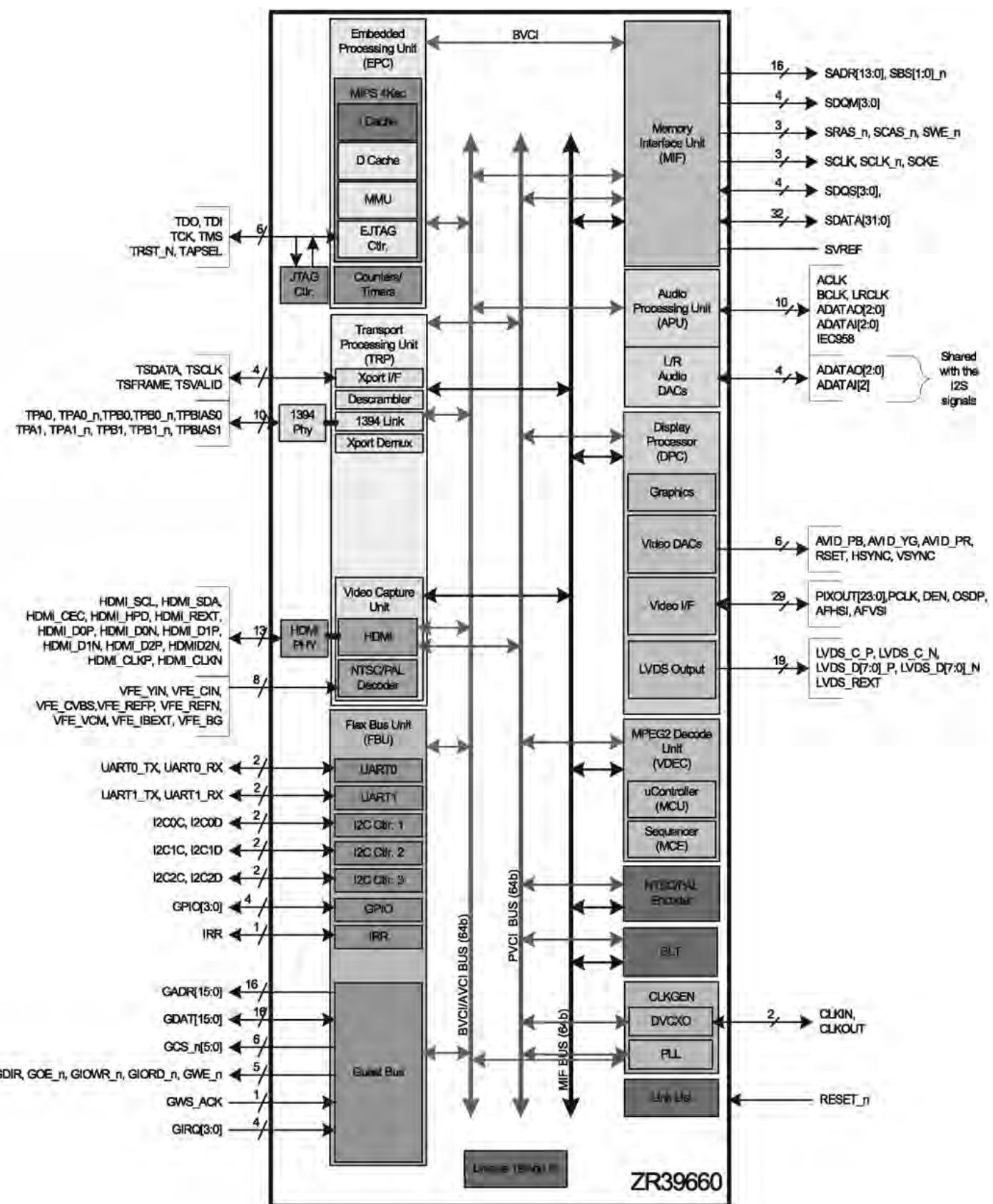


## IC1651, DC to DC Converter

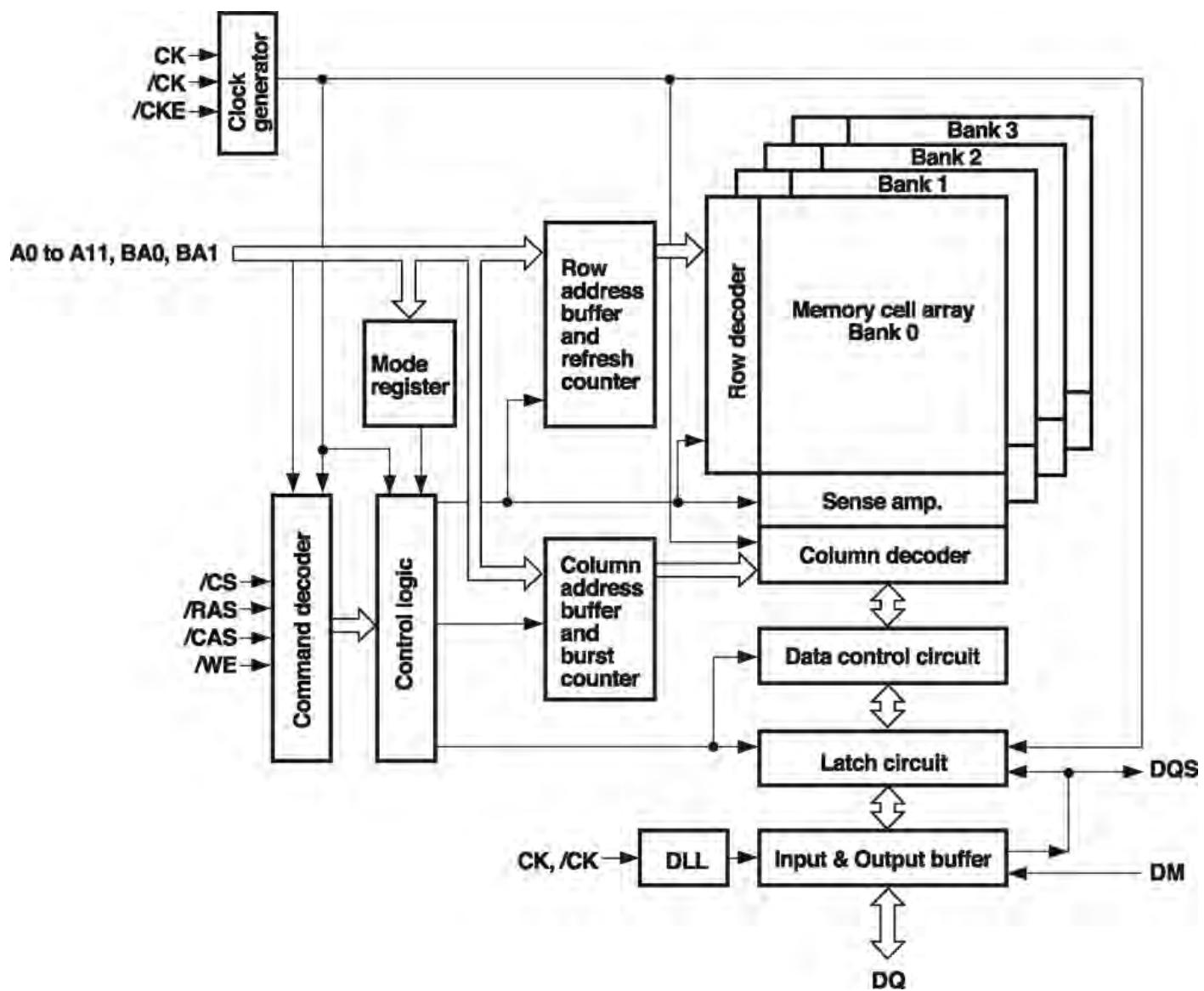


# IC BLOCK DIAGRAMS (CONT.)

## IC5500 Screen Controller

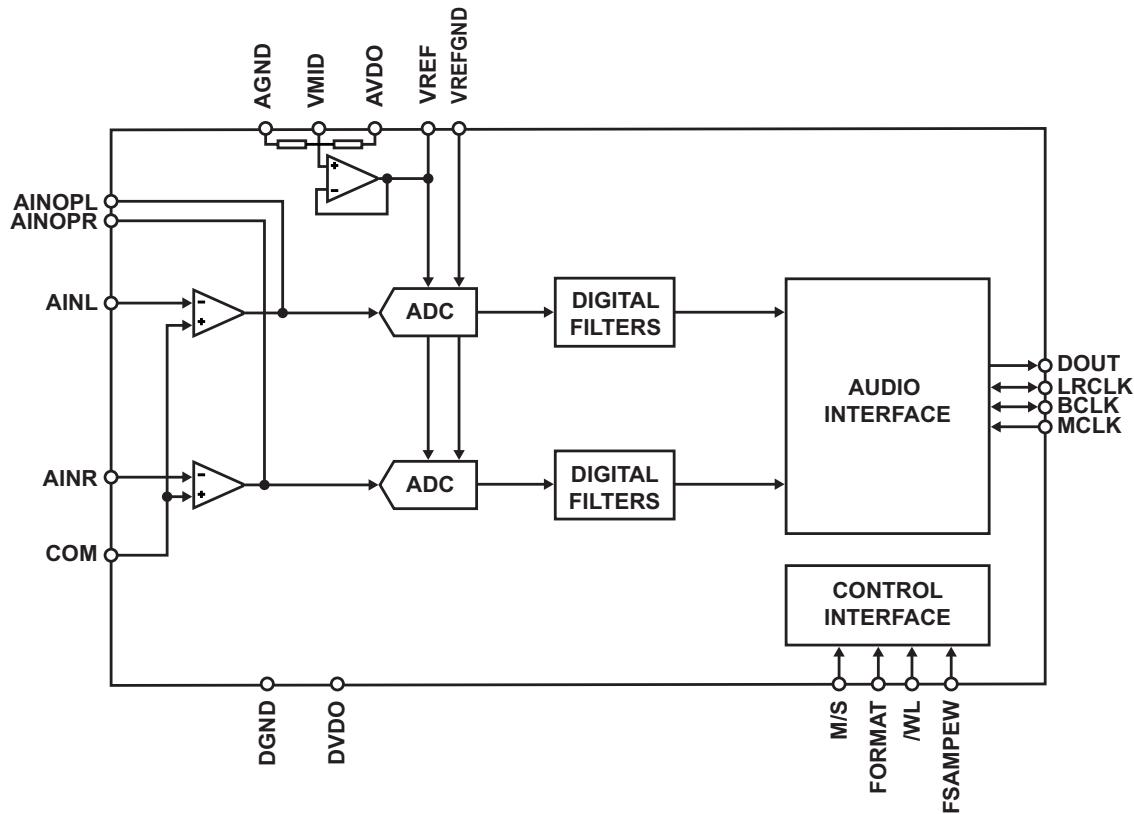


## IC5700, DDR: Double Data Rate SDRAM

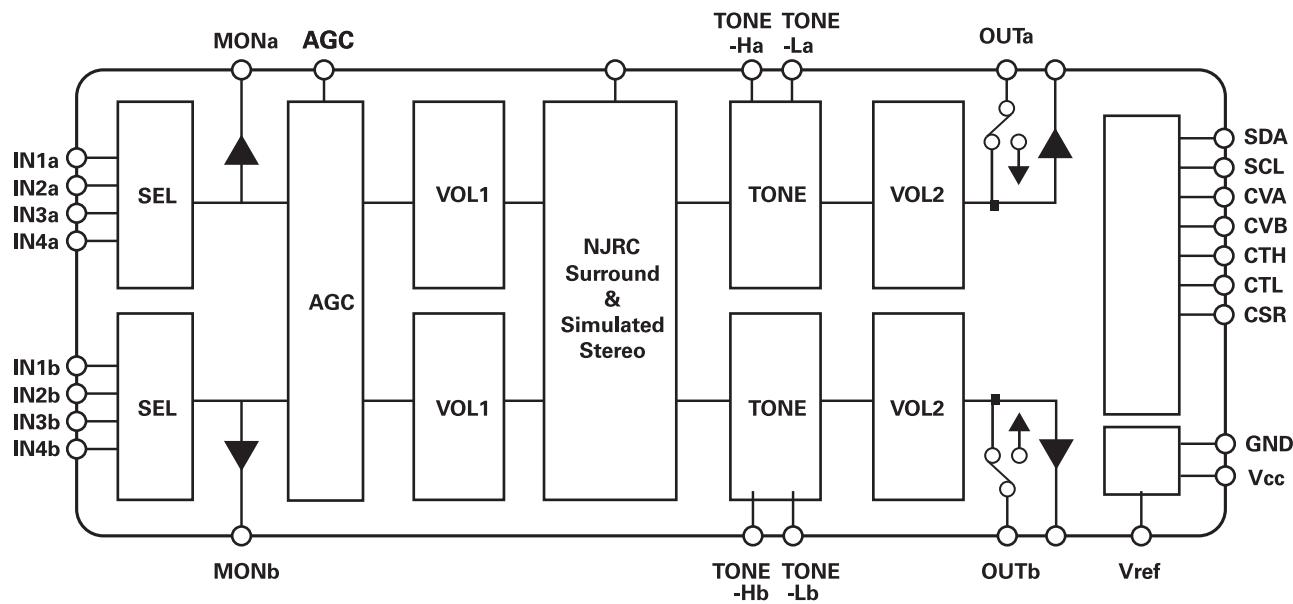


# IC BLOCK DIAGRAMS (CONT.)

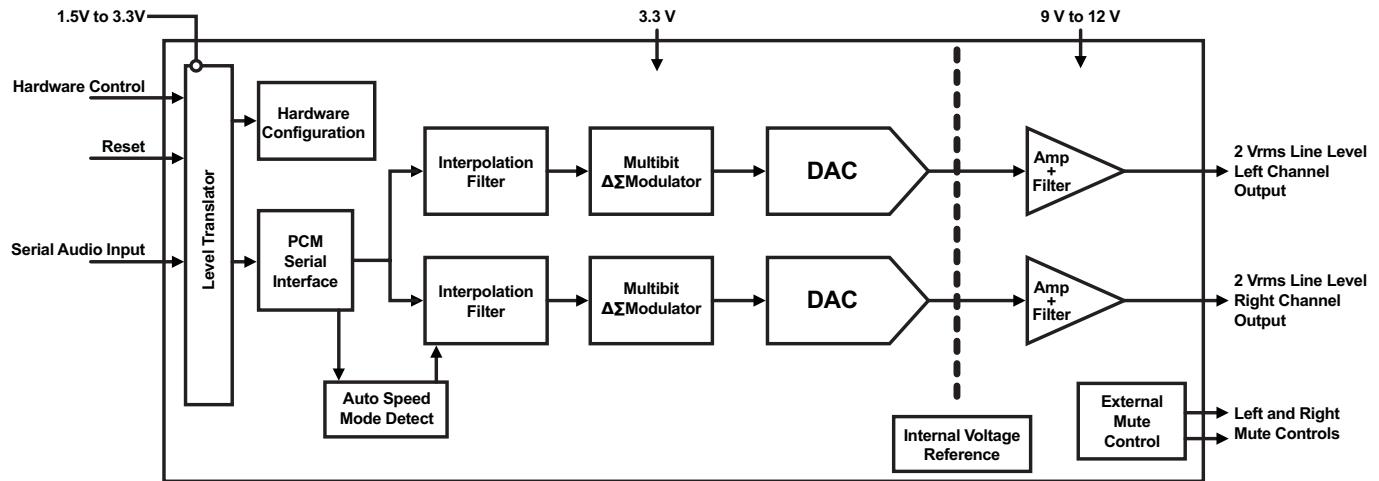
## IC6270, Audio A/D



## IC3200, Audio Controller

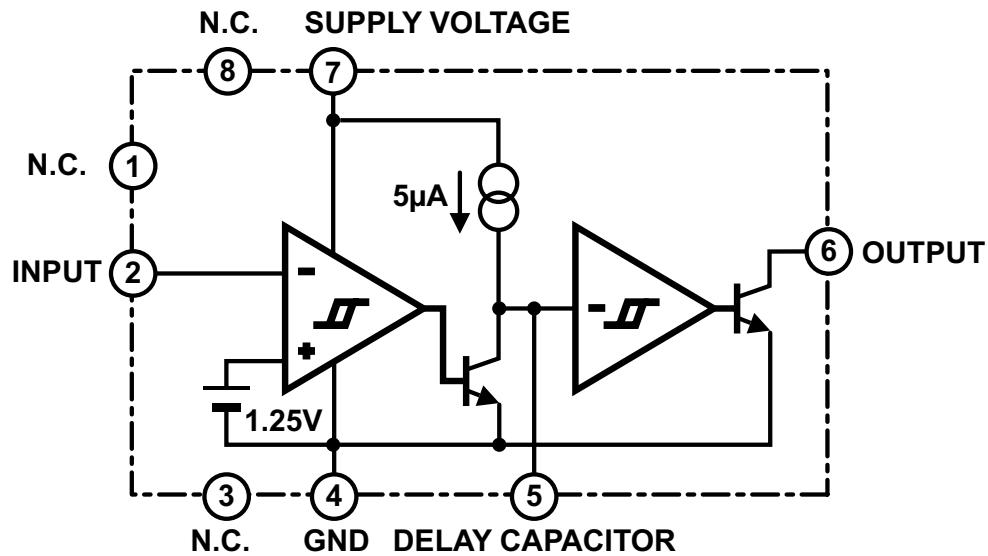


## IC6200, Audio DAC



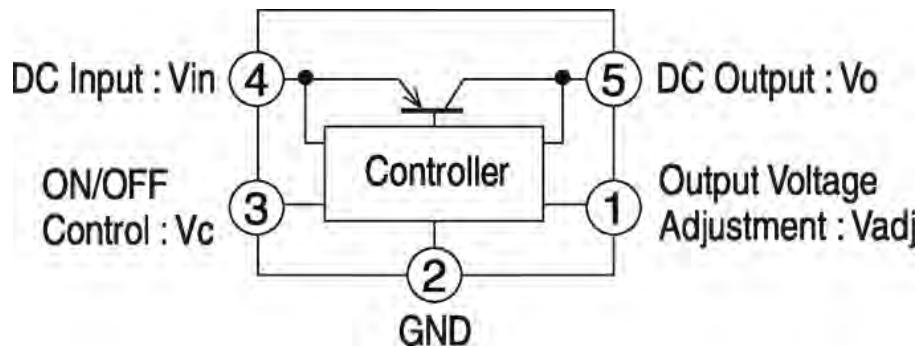
## 5900, Voltage detecting delay circuit

BLOCK DIAGRAM

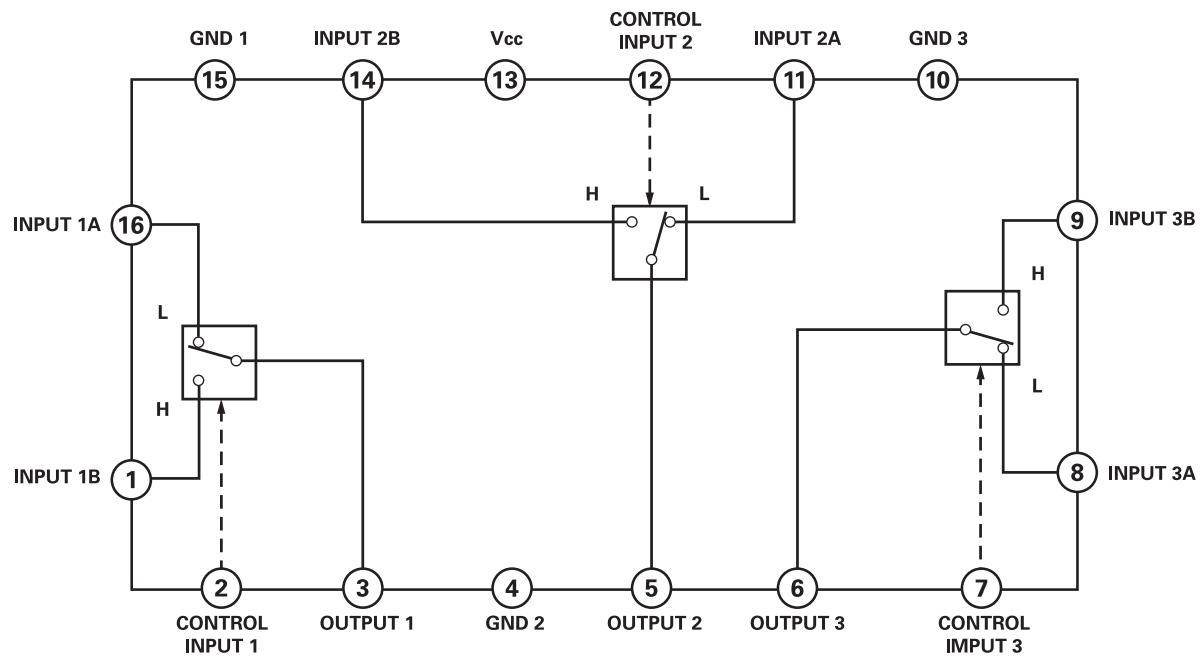


# IC BLOCK DIAGRAMS (CONT.)

## IC1671, DC to DC Converter

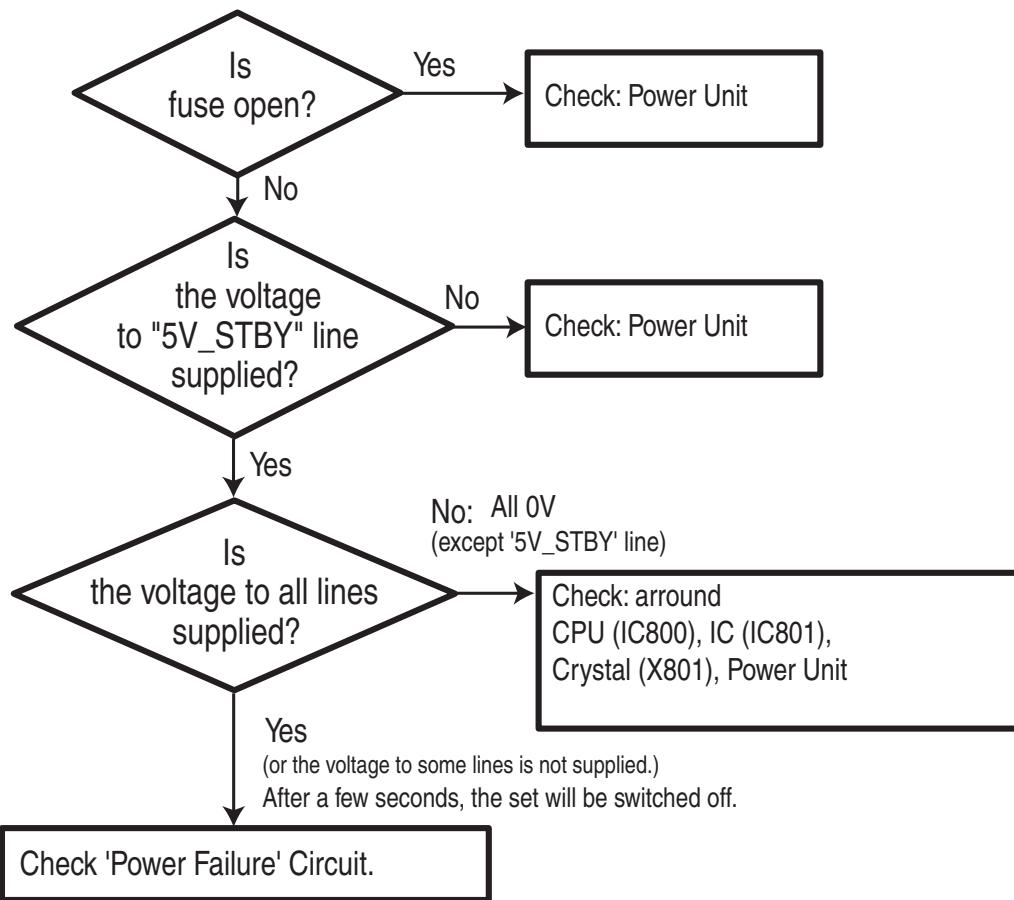


## IC1240, Component Selector



# TROUBLESHOOTING FLOW CHARTS

## NO POWER



### Power Failure Line

CPU (IC800) 32pin

Q810, Q811

Diode	Detected Voltage
D1671	9V
D6052/D6053	3.3V
D1620/D1621	D3.3V
D1662	5V
D1653	6.5V
D1679	AUDIO_POW

CPU (IC800) 23pin

Diode

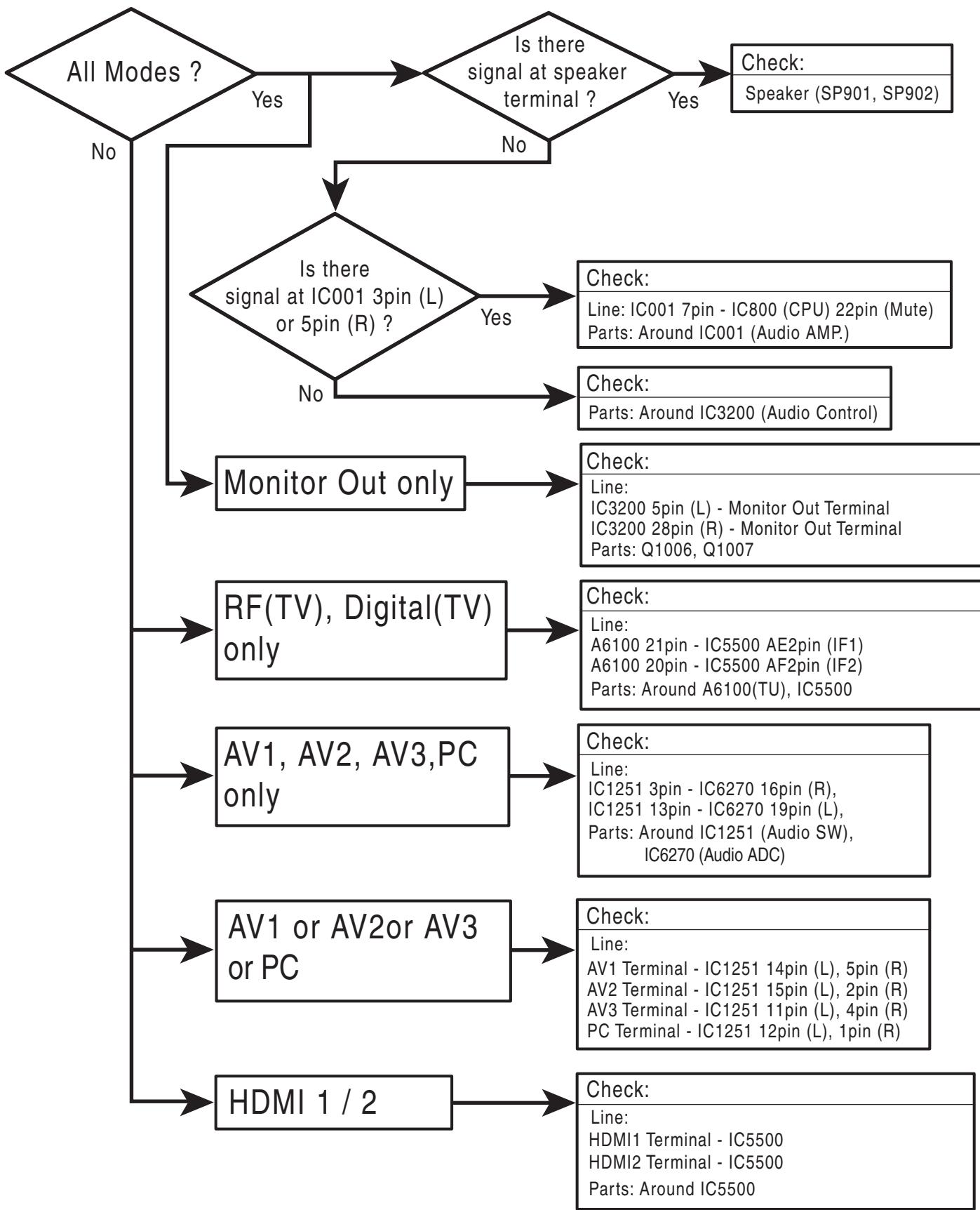
D1683

Detected Voltage

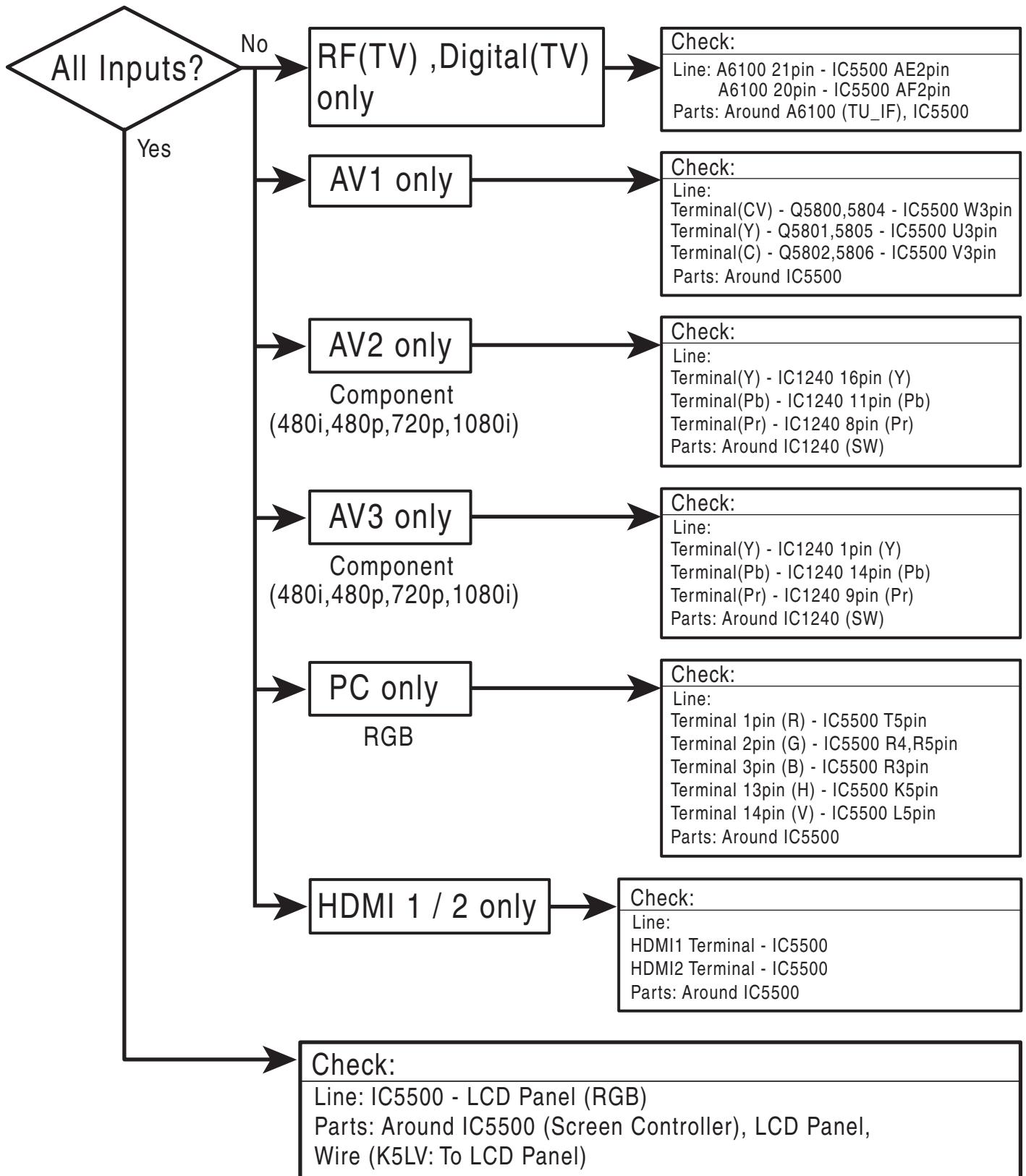
LVDS\_POW

# TROUBLESHOOTING FLOW CHARTS (CONT.)

**NO AUDIO**



## NO VIDEO



# CONTROL PORT FUNCTIONS

## System Control (CPU : IC800)

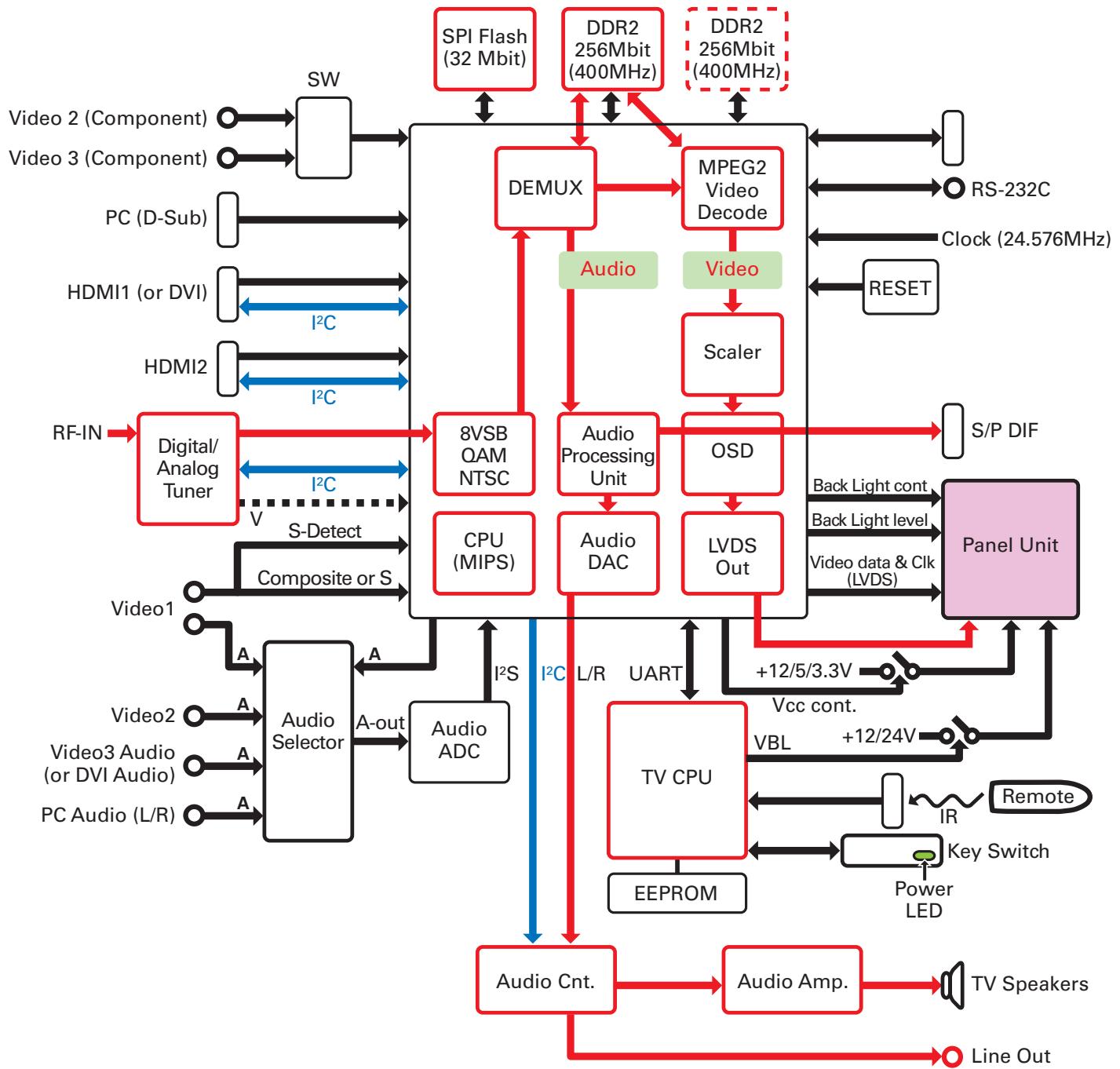
<b>Pin</b>	<b>Name</b>	<b>Function</b>	<b>I/O</b>	<b>Description</b>
1	P12/SCK0	Reserve	OUT	(OPEN)
2	P13/SO1	Reserve	OUT	(OPEN)
3	P14/SI1/SB1	IIC-BUS for NV	I/O	(DATA)Active 'L' for IC data NV
4	P15/SCK1	IIC-BUS for NV	OUT	(CLOCK)Active 'L' for IIC clock NV
5	P16/T1PWML	REG SW2	OUT	REG SW2 (ON:High OFF:Low)
6	P17/T1PWMH/BUZ	REG SW3	OUT	REG SW3 (ON:High OFF:Low)
7	PWM2	Reserve	OUT	(OPEN)
8	PWM3	PWR_DET	IN	PWR_DET
9	VDD2	Power IN	IN	5V (5Vdc ± 10%)
10	VSS2	Vss	IN	GND (0Vdc)
11	P00	Category2	IN	Hard option
12	P01	Category1	IN	Hard option
13	P02	Category0	IN	Hard option
14	P03	Panel Size2	IN	Hard option
15	P04	Panel Size1	IN(OUT)	Hard option
16	P05/CKO	Panel Size0	IN(OUT)	Hard option
17	P06/T6O	LED CNTRL	OUT	LED control Power on/PC standby:High, Standby:Low
18	P07/T7O	TV Relay out	OUT	POWER Relay SW ON:High OFF:Low
19	P20/UTX/INT4/T1IN	UART OUT	OUT	Digital Module microcomputer piece confidence
20	P21/URX/INT4/T1IN	UART IN	IN	Digital Module microcomputer piece confidence
21	P22/INT4/T1IN	PC Standby LED	OUT	(OPEN)
22	P23/INT4/T1IN	Audio MUTE	OUT	MUTE ON:High OFF:Low
23	P24/INT5/T1IN	Power Fail-2 IN	IN	LVDS Power Fail
24	P25/INT5/T1IN	Reserve	OUT	(OPEN)
25	P26/INT5/T1IN	Reserve	IN	(GND)
26	P27/INT5/T1IN	Reserve	OUT	(OPEN)
27	PB7	RESET_TV	OUT	Low(Reserve)
28	PB6	VS_DET	IN	Detect VS (Detect:High, PC Input)
29	PB5	GonS_DET	IN	Detect HS (Detect:High, PC Input)
30	PB4	Reserve	OUT	(OPEN)
31	PB3	Reserve	OUT	(OPEN)
32	PB2	Power Fail-1 IN	IN	TV Power Error (L)/Others (H)
33	PB1	Reserve	OUT	(OPEN)
34	PB0	Solution	IN	Solution Option (High:US1H Low:US1F)
35	VSS3	Vss	IN	GND (0Vdc)
36	VDD3	Power IN	IN	5V (5Vdc ± 10%)
37	PC7	DBGP2	IN	Terminal for De-Bug 3
38	PC6	DBGP1	I/O	Terminal for De-Bug 2
39	PC5	DBGP0	I/O	Terminal for De-Bug 1
40	PC4	CLK	IN	Writing on board (CLK)
41	PC3	DATA0	I/O	Writing on board (DATA0)
42	PC2	ENA/DATA1	I/O	Writing on board (ENA/DATA1)
43	PC1	Ack out	OUT	For factory use
44	PC0	STATUS in	IN	For factory use
45	P86/AN6	Reserve	OUT	(OPEN)
46	P85/AN5	Reserve	OUT	(OPEN)
47	P84/AN4	Reserve	IN	GND or Pull-up
48	P83	M_OUT MUTE	OUT	Monitor Out Mute MUTE ON:Low OFF:High
49	P70/INT0/T0LCP/AN8	LINE OFF	IN	Detect AC Voltage Reduction (Normal: High)
50	P71/INT1/T0HCP/AN9	Reserve	OUT	(OPEN)
51	P72/INT2/T0IN	Reserve	OUT	(OPEN)

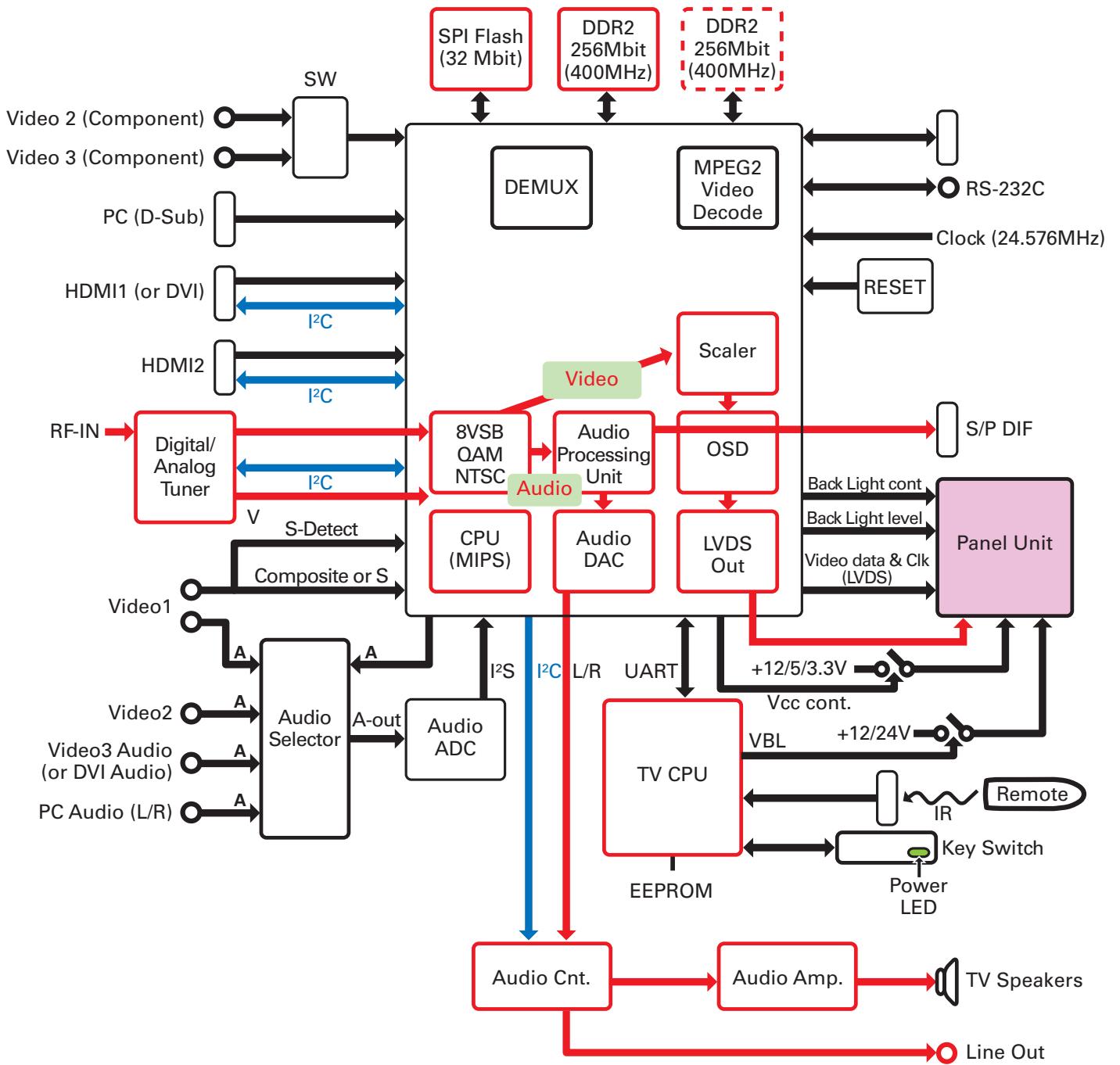
## CONTROL PORT FUNCTIONS (CONT.)

### System Control (CPU : IC800 CONT.)

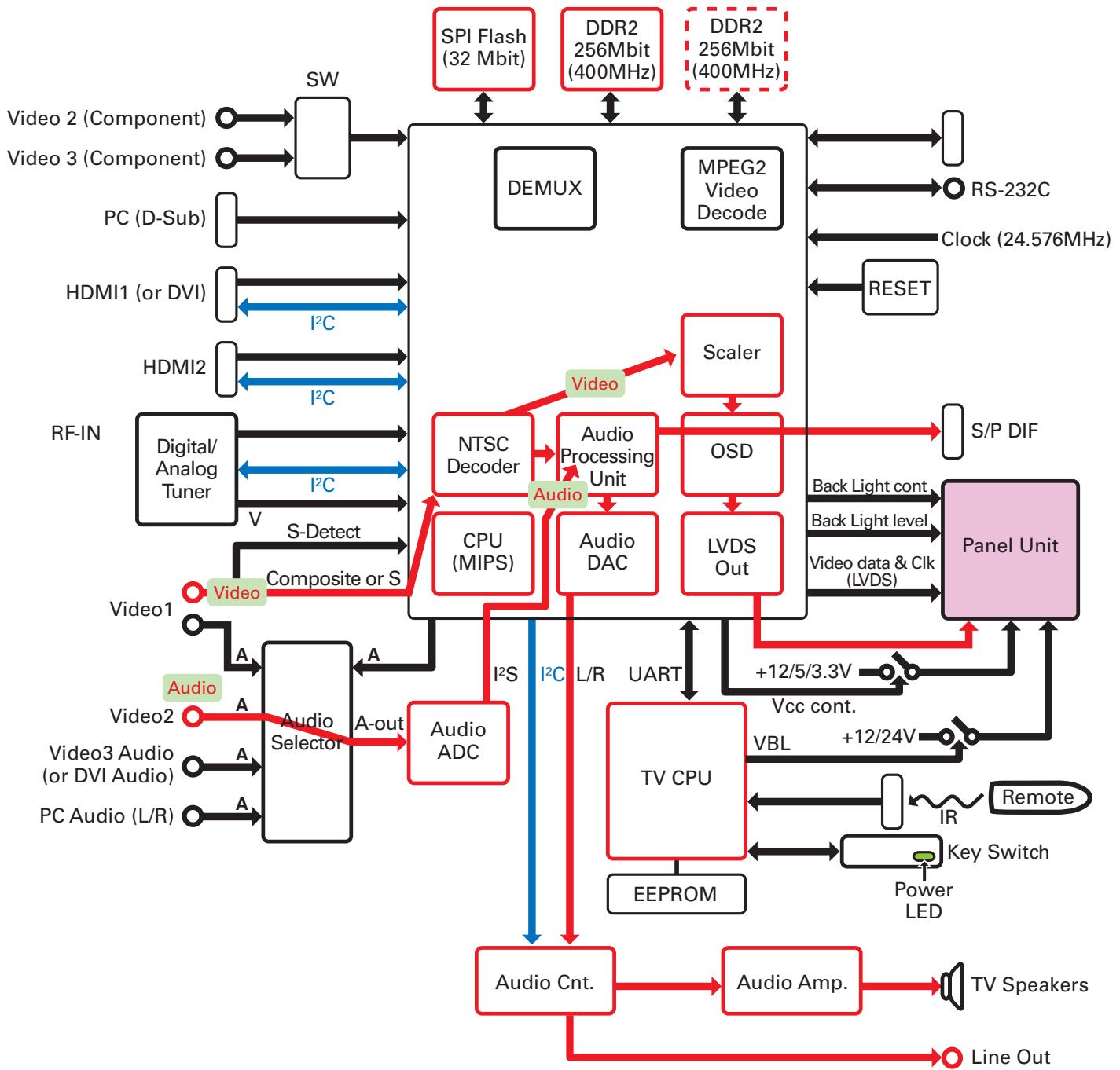
Pin	Name	Function	I/O	Description
52	P73/INT3/T0IN	Rcin	IN	RC Input
53	RES	RESET in	IN	Microcomputer Reset RESET:Low Normal:High
54	XT1/AN10	Xin	IN	Connect to VDD1
55	XT2/AN11	Reserve	OUT	(OPEN)
56	VSS1	Vss	IN	GND (0Vdc)
57	CF1	Xti	IN	Main Clock IN (Fosc=8MHz)
58	CF2	Xto	OUT	Main Clock OUT (Fosc=8MHz)
59	VDD1	Power IN	IN	5V (5Vdc ± 10%)
60	AN0	Key in	IN	Key input
61	AN1	AFT(Reserve)	IN	GND
62	P82	PANEL READY	IN	Panel Ready (for PDP) OK:High NG:Low
63	P10/SO0	VS-ON	OUT	VS-ON(for PDP) ON:High OFF:Low
64	P11/SI0/SB0	REG SW1	OUT	REG SW1 (ON:High OFF:Low)

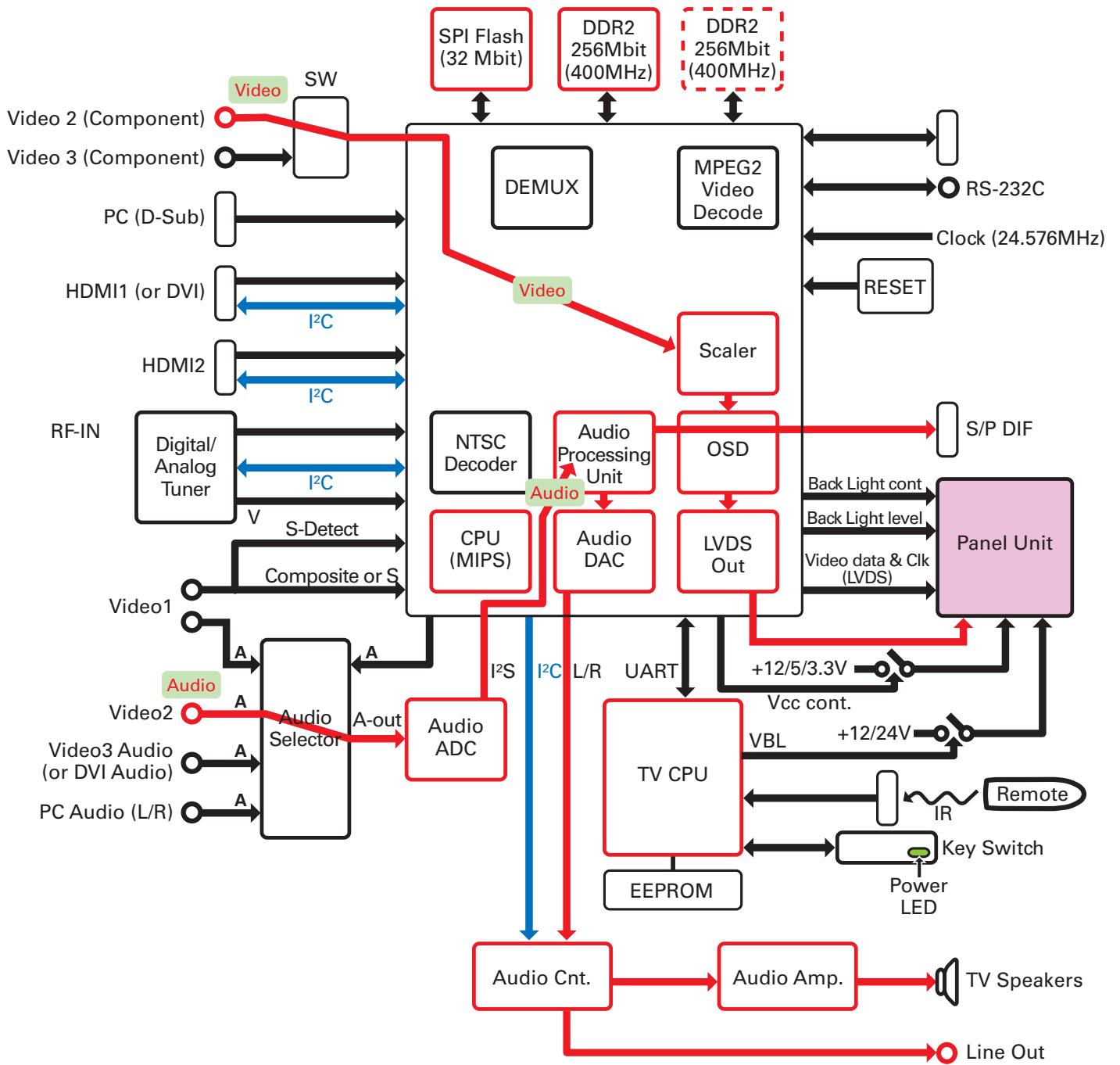
# SIGNAL FLOW CHARTS



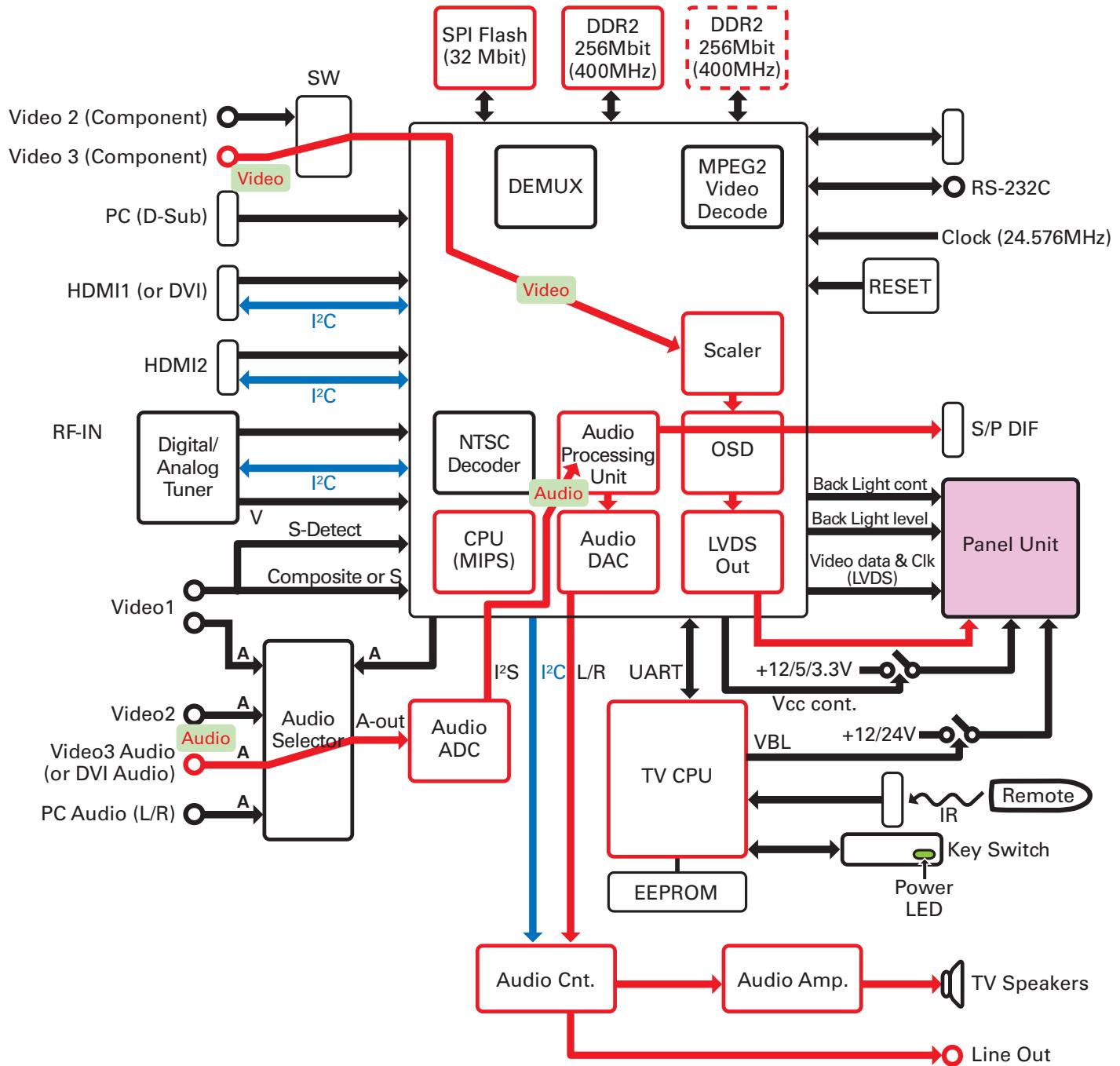


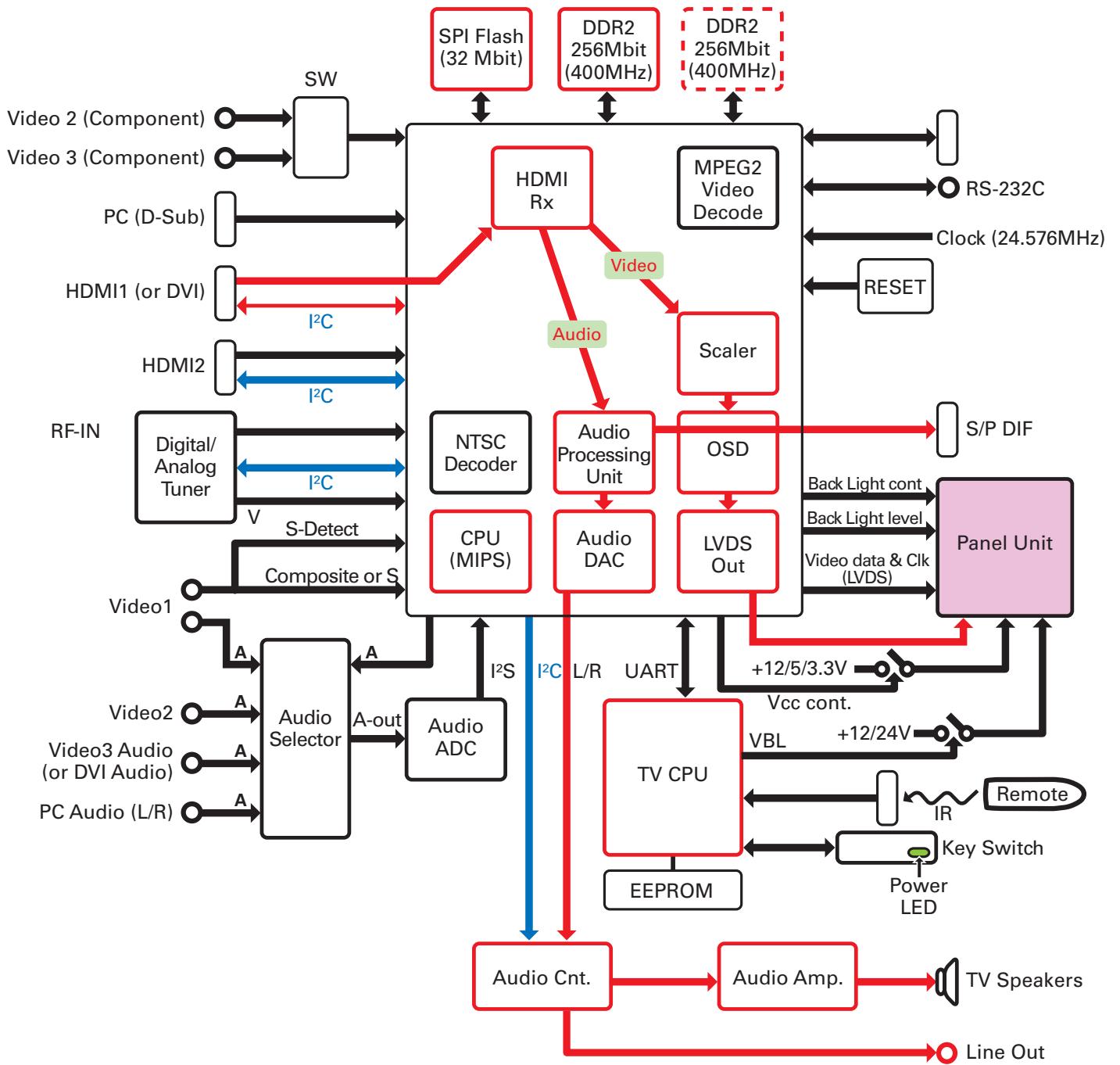
# SIGNAL FLOW CHARTS (CONT.)



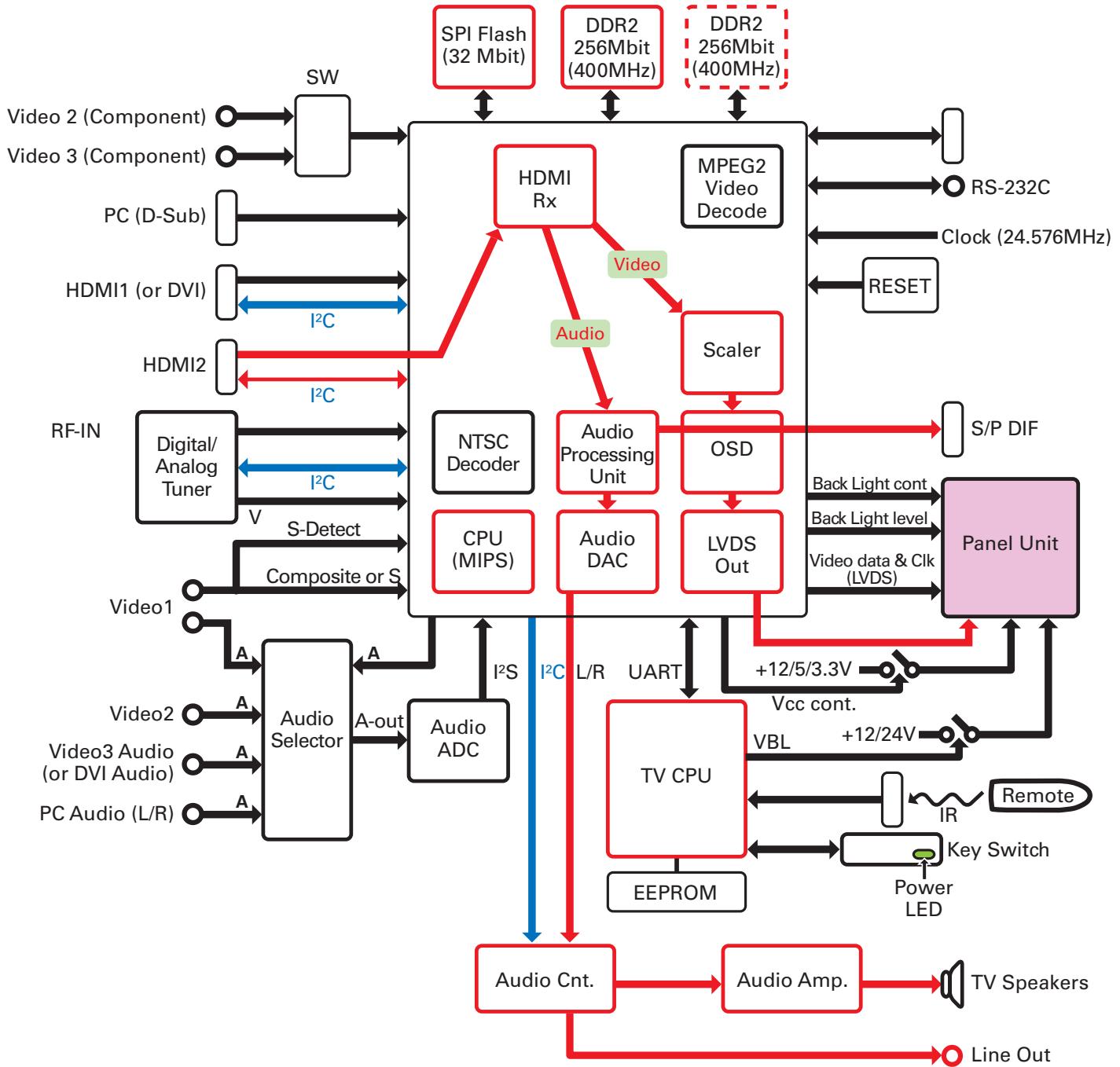


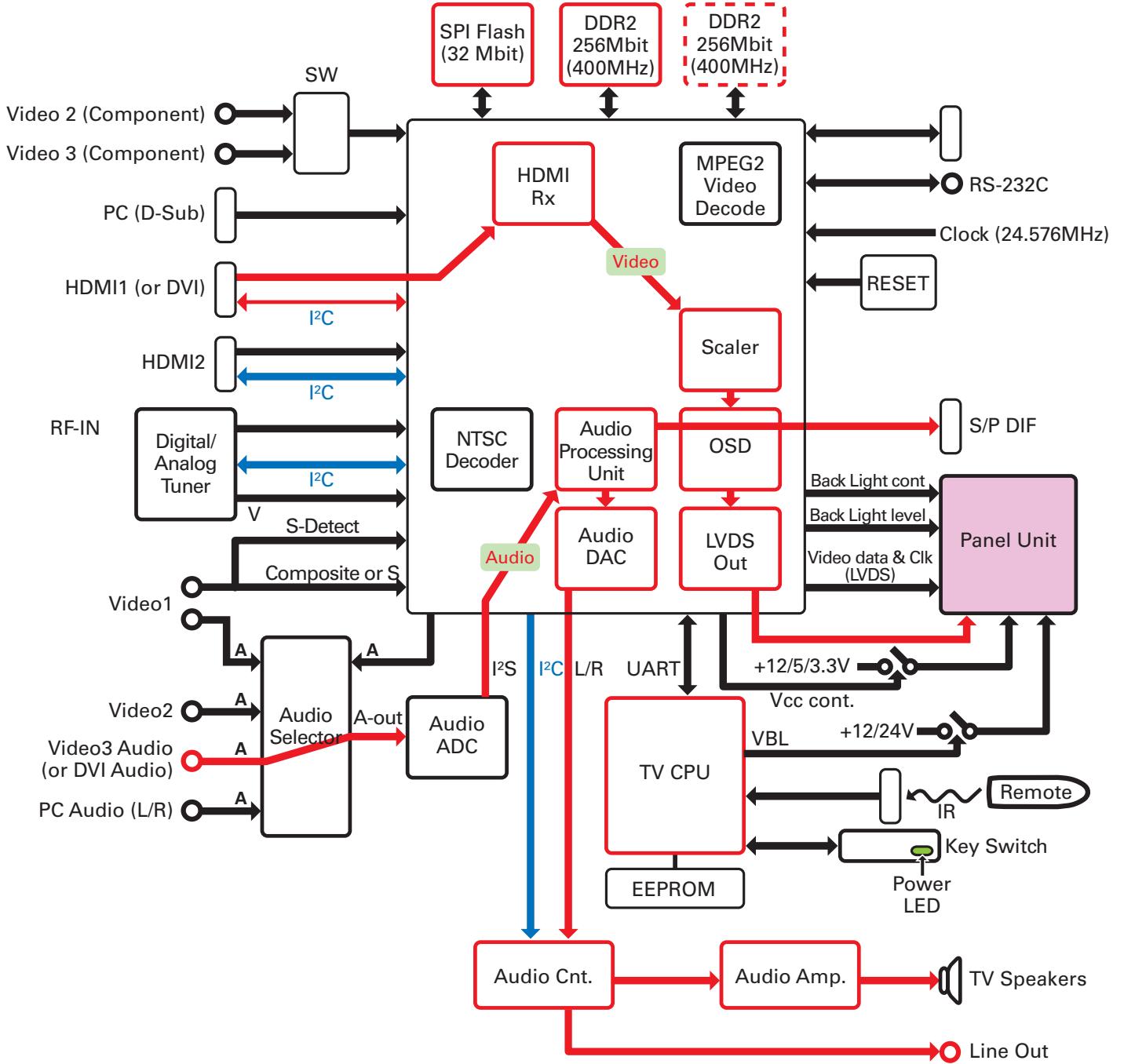
# SIGNAL FLOW CHARTS (CONT.)



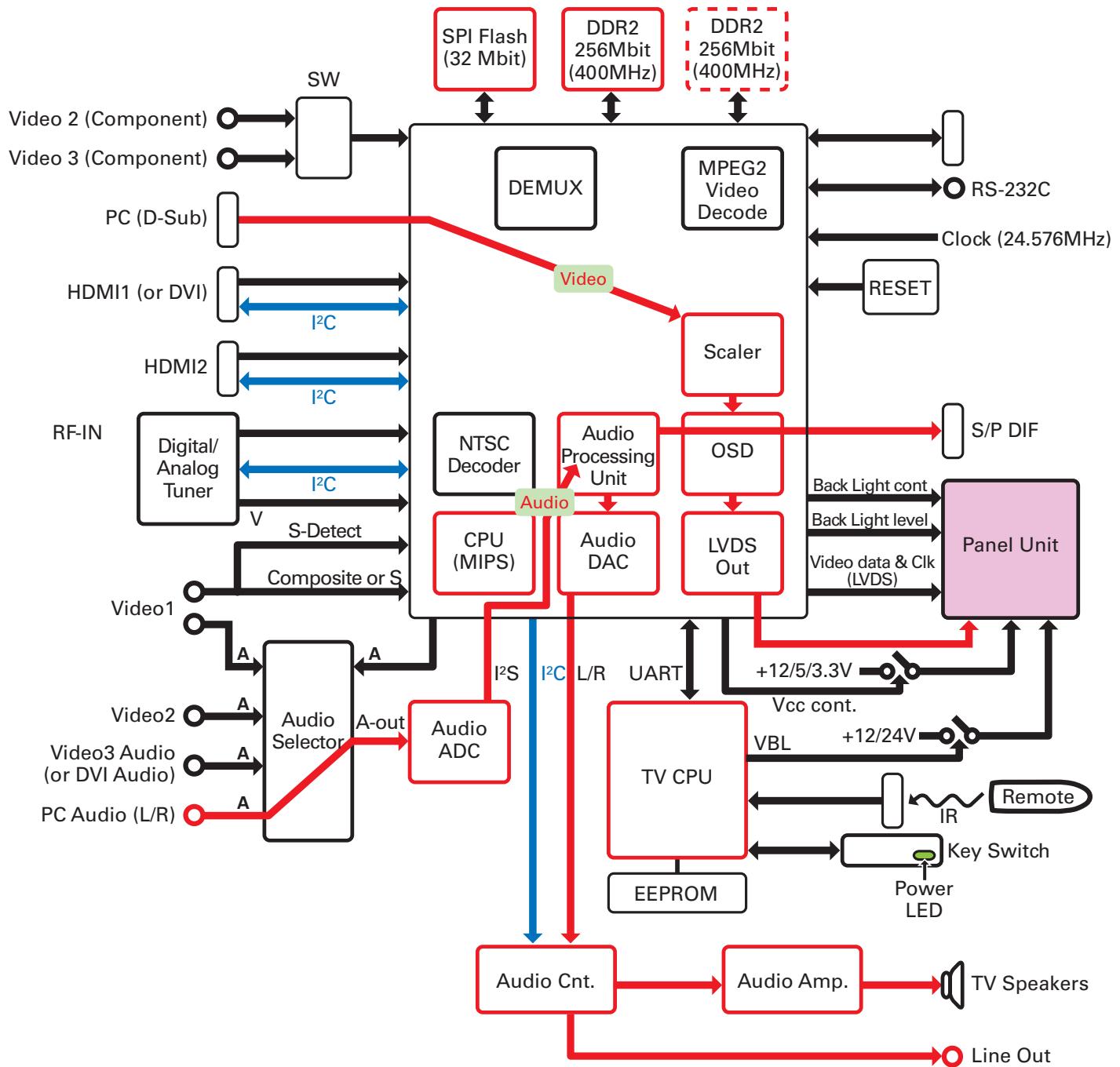


# SIGNAL FLOW CHARTS (CONT.)





# SIGNAL FLOW CHARTS (CONT.)



# SCHEMATIC NOTES

## NOTES ON SCHEMATIC DIAGRAMS

1. All resistance values in ohms K=1,000 M=1,000,000.
2. Resistors specified with resistance value are "1/6DJ."
3. Resistors specified with type of resistor, tolerance and resistance value are "1/4."
4. Unless otherwise noted on schematic, all capacitor values less than 1 are expressed in  $\mu\text{F}$  (Micro Farad), and the values more than 1 are in pF.
5. All capacitors are 50 WV rating unless otherwise noted.
6. The Symbol  indicates a fusible resistor, which protects the circuit from possible short circuits.
7. Parts enclosed with  are related with X-radiation.
8. Isolation border line. Cold Side  Hot Side
  
9. Schematic part location numbers may not always match the schematic symbols.  
The schematic symbols and part descriptions are correct and should be used.  
The part descriptions will be listed under the location number in the parts list.



## ELECTROSTATICALLY SENSITIVE DEVICES

Many solid-state devices (especially Integrated Circuits) are Electrostatically Sensitive, and, therefore, require special handling techniques as described under "Servicing Electrostatically Sensitive Devices," on page two in this service literature.

## SERVICE NOTES:

1. When replacing parts on circuit boards, clamp the lead wires to terminals before soldering.
2. When replacing high wattage resistors on circuit board, keep the resistor body 10 mm (3/8) from circuit board.
3. Keep wires away from high voltage and high temperature components.

## PRODUCT SAFETY NOTICE

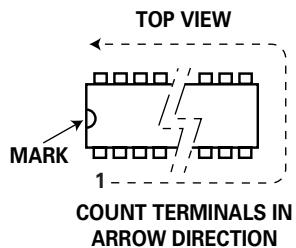
THE COMPONENTS DESIGNATED BY A  ON THIS SCHEMATIC DIAGRAM DESIGNATE COMPONENTS WHOSE VALUES ARE OF SPECIAL SIGNIFICANCE TO PRODUCT SAFETY. SHOULD ANY COMPONENT DESIGNATED BY A  NEED TO BE REPLACED, USE ONLY THE PART DESIGNATED IN THE PARTS LIST. DO NOT DEVIATE FROM THE RESISTANCE, WATTAGE AND VOLTAGE RATINGS SHOWN.

## PROPER DISPOSAL

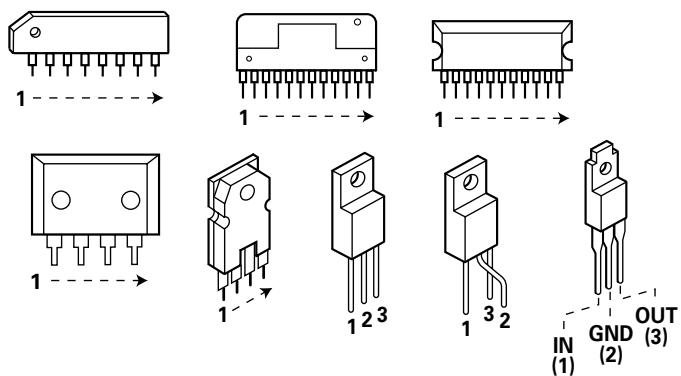
Color Televisions can contain hazardous materials including but not limited to lead and mercury. Dispose of CRTs, LCD Panels, LCD Panel Lamps, Plasma Displays and Circuit Boards according to all Federal, State and Local laws and guidelines.

# IC, DIODE, AND TRANSISTOR PIN LAYOUTS

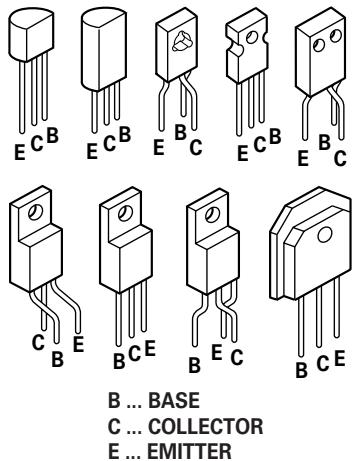
## INTEGRATED CIRCUITS



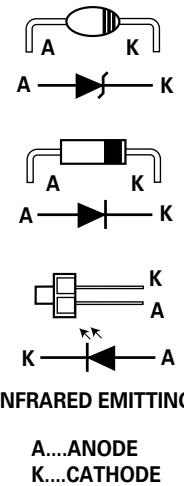
## SIDE VIEW



## TRANSISTORS

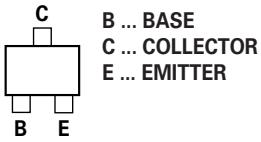


## DIODES



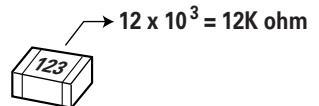
## CHIP TRANSISTORS

### TOP VIEW

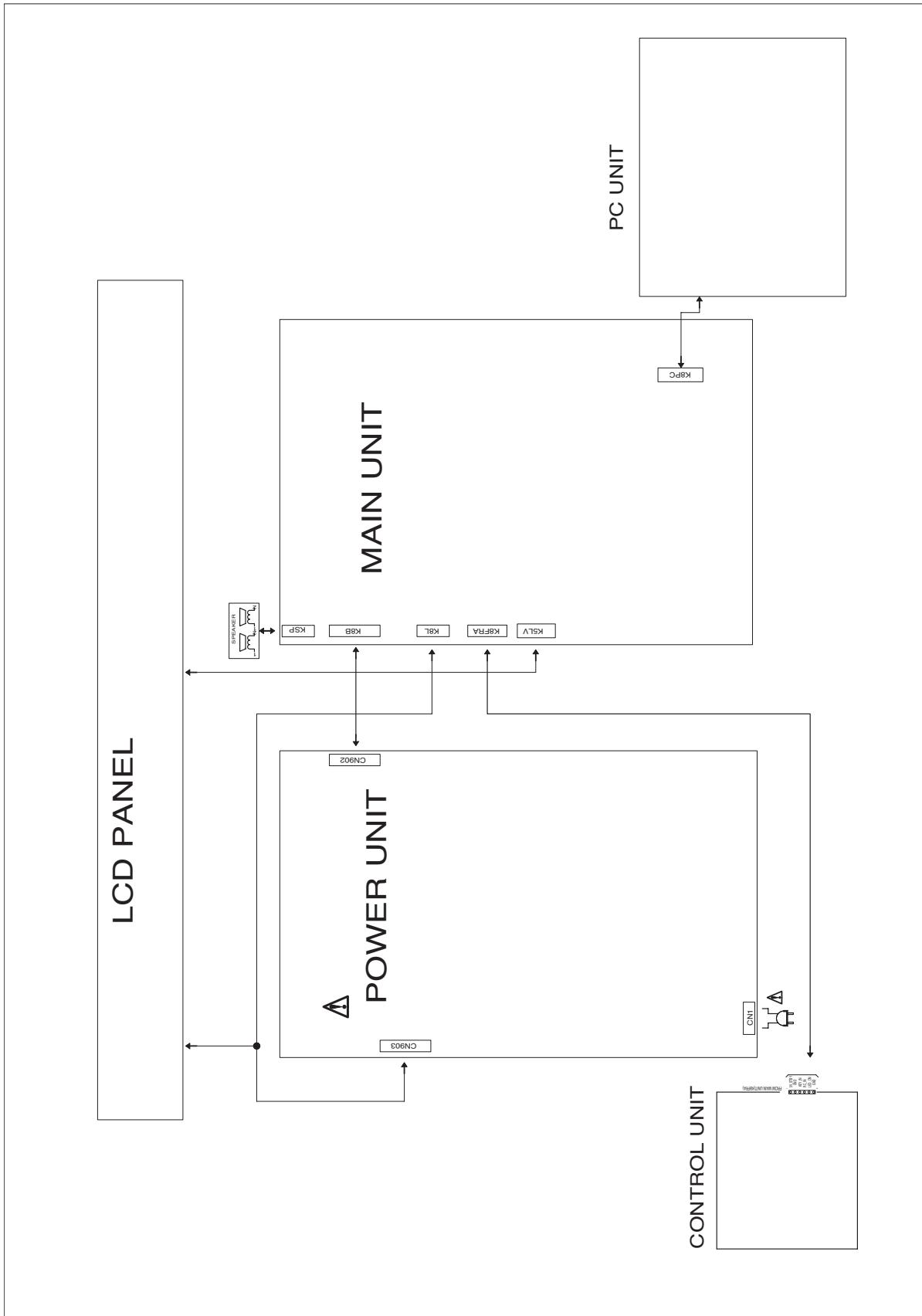


## CHIP RESISTORS

### TOP VIEW

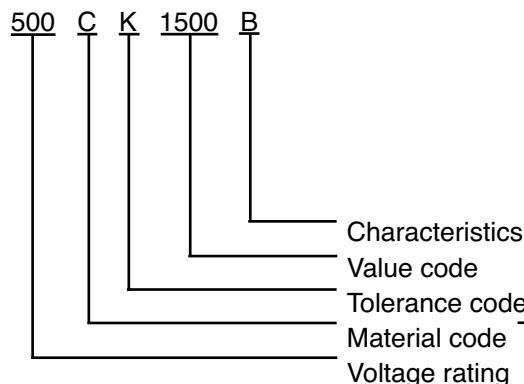


# PC BOARD CONNECTIONS AND LOCATIONS



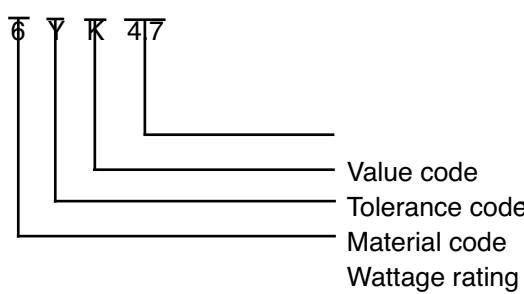
# CAPACITOR AND RESISTOR CODE CHART

CAPACITOR (Example)-----



D .....	±0.5pF
T .....	+50% -10%
J .....	±5%
K .....	±10%
M .....	±20%
N .....	±30%
P .....	+100% -0%
Z .....	+80% -20%
C .....	±0.25pF
C .....	Ceramic
E .....	Electrolytic
F .....	Polyester
N .....	Polypropylene
T .....	Tantalum
K .....	Ceramic
H .....	MT-Composite
P .....	NP. Electrolytic
M .....	MT-Polypropylene

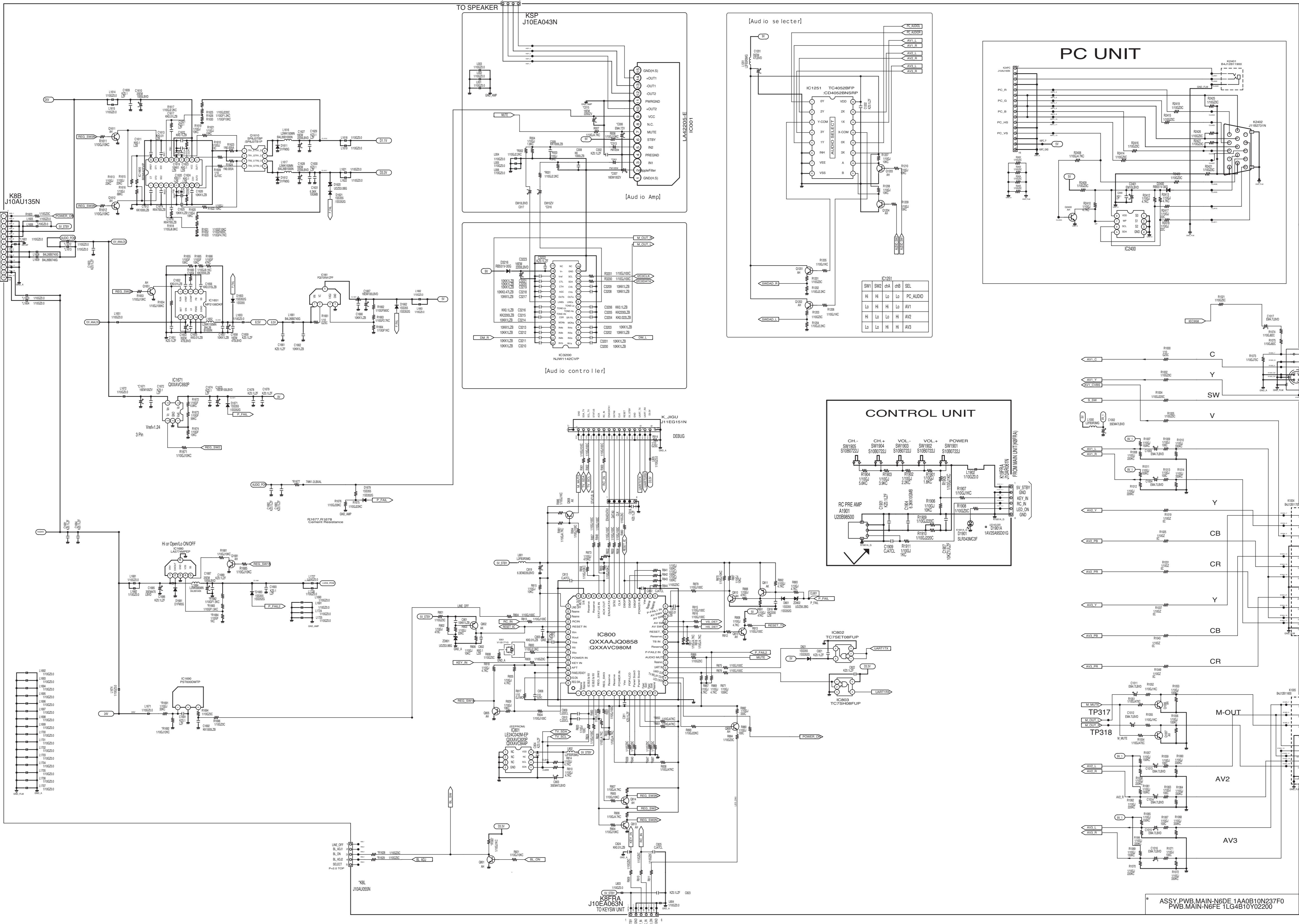
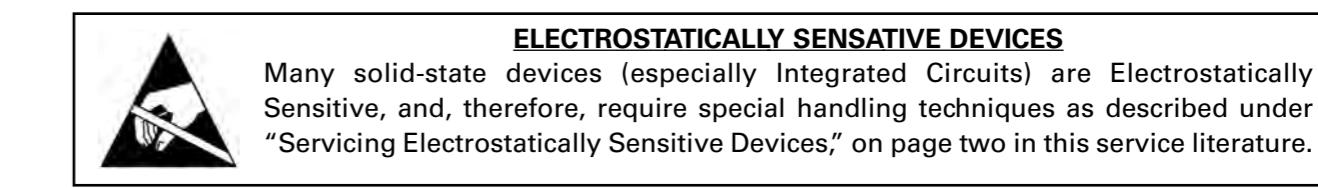
RESISTOR (Example)



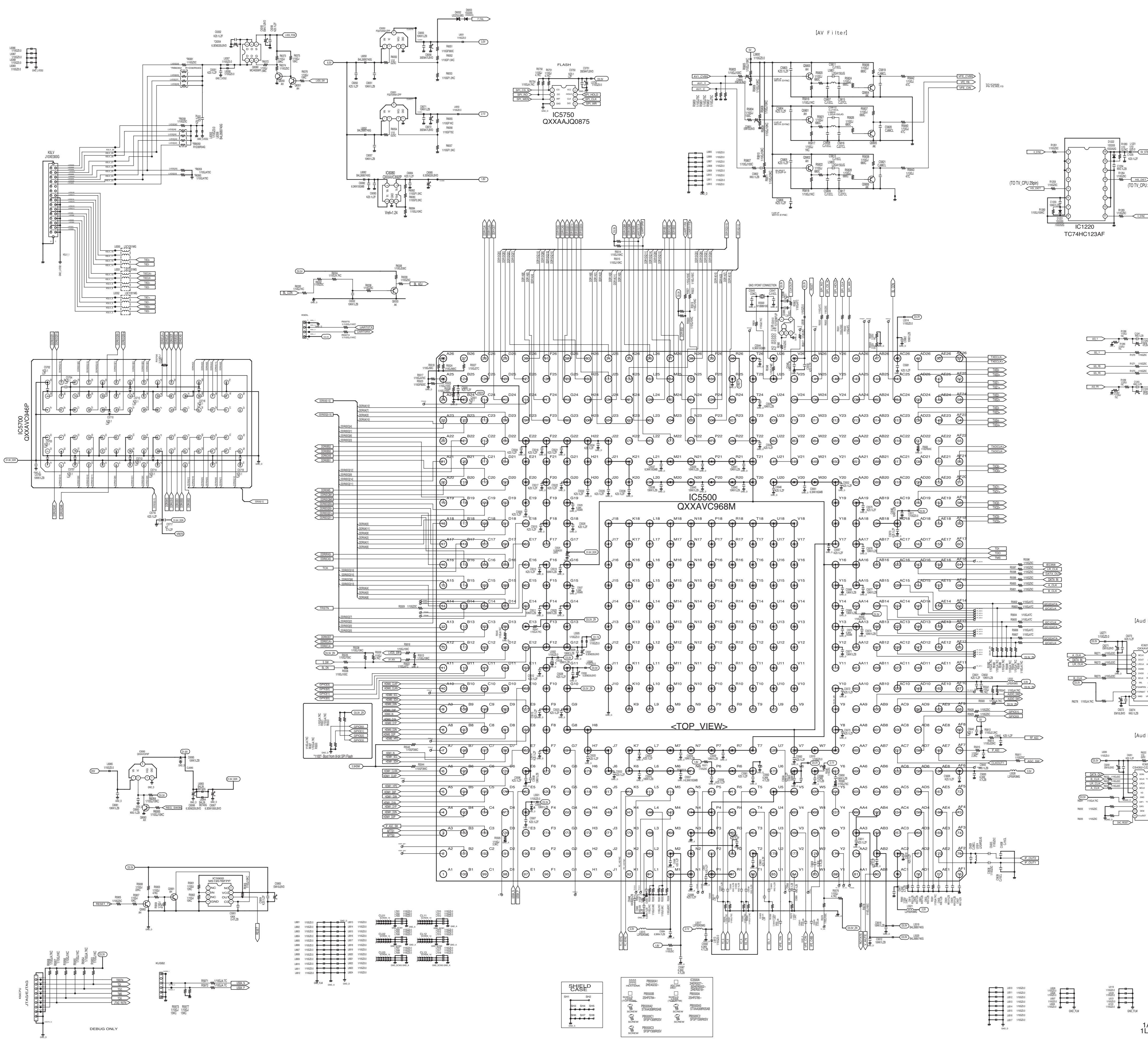
D .....	±0.5%
F .....	±1%
G .....	±2%
J .....	±5%
K .....	±10%
M .....	±20%
F .....	Fusible
N .....	Metalized Carbon
S .....	Oxide Metalized
Y .....	Wire Wound
C .....	Solid
D .....	Carbon Film
W .....	Wire Wound

For parts or service contact

**Sanyo Manfacturing Corporation**  
**P.O. Box 2000**  
**3333 Sanyo Road**  
**Forrest City, Arkansas 72335-2000**



## Schematic Diagrams



### **ELECTROSTATICALLY SENSITIVE DEVICES**

Many solid-state devices (especially Integrated Circuits) are Electrostatically Sensitive, and, therefore, require special handling techniques as described under "Servicing Electrostatically Sensitive Devices," on page two in this service literature.

